

Notices

British Cardiac Society

The Autumn Meeting will be held at the Wembley Conference Centre, London, on 24 to 26 November 1987, and the closing date for receipt of abstracts will be 10 July 1987.

The Annual General Meeting for 1988 will take place in Belfast on 23 and 24 March 1988, and the closing date for receipt of abstracts will be 4 January 1988.

Cardiac Society of Australia and New Zealand

The 35th Annual Scientific Meeting of the Cardiac Society of Australia and New Zealand will be held in Melbourne on 2 to 5 August 1987. Inquiries to: Mr K J Wickham, PO Box 235, North Balwyn 3104, Australia.

Health education

The XIII World Conference on Health Education will be held in Houston on 28 August to 2 September 1988. For further information write to the US Host Committee, PO Box 20186, Suite 902, Houston, Texas 77225, USA.

Correction

Editorial: Twenty years of prehospital coronary care *J S Geddes*—we apologise for an error in the December 1986 issue (volume 56: page 491, right hand column, second paragraph, lines 3 and 4) where “hospital morbidity was only 9%” should read “hospital mortality was only 9%”.

List of advisers

We thank the following who have reviewed manuscripts submitted to the British Heart Journal during 1986.

CP Aber	J Davies	MJ Janse
AAJ Adgey	KD Dawkins	K Jennings
LD Allan	R Dawson	DE Jewitt
SP Allwork	JE Deanfield	HS Joffe
RH Anderson	DP de Bono	S Joseph
WH Bain	PB Deverall	MD Joy
R Balcon	HA Dewar	W Keating
SO Banim	DF Dickinson	MF Knapp
J Bayliss	R Donaldson	P Lavender
AE Becker	DS Dymond	C Layton
DH Bennett	CW Edwards	A Leatham
ED Bennett	RW Emanuel	T Lewis
CL Berry	DW Empey	RJ Linden
JKK Best	TR Evans	D Lipkin
RS Bexton	D Ewing	WA Littler
NA Boon	SJ Eykyn	PJ Lowry
GVR Born	R Feneck	J Lynn
C Borst	C Fisch	FJ Macartney
PDV Bourdillon	HA Fleming	AF Mackintosh
PJ Bourdillon	RA Foale	P Magee
T Bowker	CAA Fox	M Marmot
C Bray	P Gallagher	A McDonald
W Brigden	M Gammage	L McDonald
N Brooks	A Garson	WJ McKenna
IAB Brooksby	JS Geddes	G McNeil
M Brown	LM Gerlis	TW Meade
C Bull	A Gershlick	A Mearns
AJ Camm	J Gibbs	F Meijler
RWF Campbell	DG Gibson	J Metcalfe
J Caplin	MJ Godman	GAH Miller
C Carey	JF Goodwin	A Mitchell
DA Chamberlain	RG Grainger	JRA Mitchell
DM Chaput de Saintonge	IR Gray	M Monahan
S Chierchia	RA Greenbaum	AL Muir
M Clarke	RJC Hall	G Murray
J Cleland	KA Hallidie-Smith	AW Nathan
SM Cobbe	CE Handler	A Newland
R Cohen	A Harris	P Nihoyannopoulos
J Coltart	SG Haworth	CM Oakley
P Colvin	DA Heath	GDG Oakley
N Conway	AH Henderson	PJ Oldershaw
R Cowley	A Hilson	MF Oliver
E Craig	G Hitman	EGJ Olsen
F Crea	A Hollman	M Paneth
PA Crean	M Honey	RG Patel
DC Cumberland	P Hubner	BL Pentecost
J Cunningham	L Hudson	J Pepper
PVL Curry	S Hunter	MS Perelman
M Dancy	I Hutton	J Perrins
HJ Dargie	C Isles	MC Petch
GJ Davies	G Jackson	D Pitcher

A Pomerance	LM Shapiro	T Treasure
PA Poole-Wilson	DB Shaw	AC Tweddle
C Pumphrey	DJ Sheridan	R Underwood
SA Qureshi	E Shinebourne	D Valentine
RC Radley-Smith	MF Shiu	D Vere
MJ Raphael	P Sleight	R Vincent
JM Rawles	EEJ Smith	RJ Wainwright
C Reid	SA Smith	RK Walesby
PJ Richardson	J Somerville	S Walton
AF Rickards	E Sowton	C Ward
RA Riemersma	CJ Spry	D Ward
ML Rigby	RAJ Spurrell	CA Warnes
BF Robinson	R Steiner	J Watkins
E Robles de Medina	J Steinert	J Weaver
S Rosalki	PGI Stovin	M Webb-Peploe
MT Rothman	AD Struthers	HJJ Wellens
E Rowland	B Surawicz	D Wheatley
DJ Rowlands	GR Sutherland	P Wilde
DC Russell	GC Sutton	JL Wilkinson
O Scott	R Sutton	GJ Williams
WA Seed	RH Swanton	A Wilson
AJ Silman	M Swash	CG Winearls
ED Silove	C Symons	P Yate
NP Silverton	KM Taylor	
AG Shaper	AD Timmis	

AUTHOR INDEX

1987, Volume 57

- ABITBOL G *see* Veyrat C et al
ADAMS S *see* Nevin M et al
ADGEY A A J *see* McNeill A J et al
Walker L J E & Adgey A A J
ADGEY J *see* Walker L et al
AITCHISON E *see* Smith G et al
AITCHISON T *see* Findlay I N et al
AKHRAS F *see* Bass C et al
ALCALDE D ORTEGA- *see* Ortega-Alcalde D
ALDAY L E (& Juaneda E) Percutaneous balloon dilatation in congenital mitral stenosis: case report 479
AL-GHAZALI W *see* Allan L D et al
AL KASAB S *see* Al Zaibag M et al
AL KHATIB J (& Mitchell A G, Yacoub M H) Determinants of patient status ten years after coronary bypass grafting for angina 565 P
AL-KHAWAJA I *see* Hains A D B et al
AL-KHAWAJA I M *see* Rodrigues B A et al
ALLAN L D (& Chita S, Anderson R H, Fagg N, Crawford D C, Tynan M J) Coarctation of the aorta: an echocardiographic, anatomical, and functional study 65 P
—(& Chita S K, Al-Ghazali W, Crawford D C, Tynan M) Doppler echocardiographic evaluation of the normal human fetal heart 528
ALLWORK S *see* McKenna W J et al
AL ZAIBAG M (& Ribeiro P, Al Kasab S) Percutaneous balloon valvotomy in tricuspid stenosis: case report 51
AMENDE I (& Herrmann G, Simon R, Lichtlen P R) Epicardial ECG as an indicator of myocardial ischaemia and dysfunction during coronary angioplasty 84 P
ANAND I S (& Gurden J, Poole-Wilson P A, Harris P) Effect of calcitonin gene related peptide on haemodynamic function and regional blood flow in experimental chronic heart failure 95 P
ANDERSEN P T *see* Herlevsen P & Andersen P T
ANDERSON D *see* Varma M P S et al
ANDERSON R H *see* Allan L D et al
Choi J Y et al
Greenbaum R A et al
Leung M et al
Rubay J E et al
ANGELINI G D Medial and endothelial functional integrity during preparation of autologous human saphenous vein for coronary artery bypass grafting 61 P
—(& Penny W J, Rutttley M S T, Henderson A H) Prognostic criteria in post-infarction ventricular septal defect 582 P
ANGOLI L *see* De Servi S et al
ANSON R CANEPA- *see* Canepa-Anson R
ARNOLD R *see* Lamb R K et al
ASANOI H *see* Fujita M et al
ASCOOF C A P L *see* Ernst S M P G et al
ASHCROFT C *see* Molajo A O et al
ATKINSON L *see* Meany B T et al
ATKINSON M W *see* Llewellyn M J et al
AUNG-KHIN M *see* Lo R N S et al
AZAR A J *see* Fioretti P et al
BAANDRUP U *see* Jensen P J et al
BAGGER J P *see* Jensen P J et al
BAIN H H *see* Peart I et al
BAKER E J *see* Ettedgui J et al
Ettedgui J A et al
Martin R P et al
BAL E T *see* Ernst S M P G et al
BALCON R Heart rate/ST slope: editorial 503
—*see also* Gershlick A H et al
Gershlick A H & Balcon R
Lyons J et al
Murray N et al
Norell M et al
Norell M S et al
BALDWIN T *see* Pugsley W B et al
BANNER N (& Khaghani A, O'Brien C, Mitchell A, Yacoub M) Exercise capacity and heart rate response to dynamic exercise one year after combined heart and lung transplantation 86 P
BANNER N R (& Khaghani A, Mitchell A G, Radley-Smith R, Lockwood P, Lloyd M H, Yacoub M) Haemodynamics and lung function one year after combined heart lung transplantation 87 P
—(& Lloyd M H, Hamilton R, Innes J A, Guz A, Yacoub M H) Cardiopulmonary response to dynamic exercise after combined heart-lung transplantation 576 P
—*see also* Singer D R J et al
BARNES P J *see* Clarke B et al
BAROFFIO R *see* Palagi B et al
BARTOLI A *see* De Servi S et al
BASS C (& Akhras F, Upward J, Keates J, Jackson G) Sexual dysfunction before and after coronary artery bypass surgery 106 P
—*see also* Chambers J B et al
BAYLIS P *see* Kaye G C et al
BAYLISS J (& Norell M, Canepa-Anson R, Sutton G, Poole-Wilson P) Untreated heart failure: clinical and neuroendocrine effects of introducing diuretics 17
—(& Shakespeare C, Lincoln C, Sutton R) Does invasive cardiology require the presence of cardiac surgery? 79 P
—*see also* Richardson A et al
Scriven A J et al
BAYNHAM M I D *see* Lowry P J et al
BEATT K J (& de Féyter P J, Verdouw P D, Hugenholtz P G, Serruys P W) Observations during percutaneous transluminal coronary angioplasty with synchronised coronary sinus retro-perfusion 78 P
—(& Geuskens R, Luijten J E, Hugenholtz P G Serruys P W) Incidence and time to restenosis after percutaneous transluminal coronary angioplasty 80 P
BEEN M (& Buchalter M, Reid D S, Williams D O, Weldon O) Morphology of coronary arterial lesions and early thrombotic occlusion after percutaneous transluminal coronary angioplasty 580 P
—*see also* Cowan J C et al
BEHAN P O *see* Behan W M H et al
BEHAN W M H (& Behan P O, Gairns J) Cardiac damage in polymyositis associated with antibodies to tissue ribonucleoproteins 176
BELL D (& Jackson M, Millar A M, Nicoll J J, Connell M, Muir A L) The acute inflammatory response to myocardial infarction: imaging with indium-111 labelled autologous neutrophils 23
BELLA P D (& Grazi S, Cipolla C M, Fabbrocchi F, Rimondini A, Sganzerla P, Guazzi M D) Increased cardiac electrical instability concomitant with pacing induced repolarisation abnormalities 118
BELZ G G (& Spodick D H) Influence of profuse sweating on systolic time intervals: correspondence 593
BENJAMIN N *see* McEWAN J R et al

- BENNETT D *see* Cripps T *et al*
 BENNETT D H *see* Molajo A O *et al*
 Schofield P M *et al*
 BENNETT E D *see* Mannering D *et al*
 BENNETT G *see* Toff W D *et al*
 BENSON L N *see* Musewe N N *et al*
 BENTALL H H *see* Robinson K *et al*
 BERG E van den *see* van den Berg E
 BERG G A *see* El Fawal M A *et al*
 BERGMAN G *see* Meany B T *et al*
 BETHELL H J N Physical rehabilitation of coronary patients in the community 96 P
 BEUVE D S *see* Veyrat C *et al*
 BIASUCCI L M *see* Loperfido F *et al*
 BILLINGHAM M E *see* Valentine H A *et al*
 BIRKETT P M *see* McCabe E *et al*
 BISHOP N (& Hart G, Boyle R M, Stoker J B, Smith D R, Mary D A S G) Use of the maximal ST/HR slope to estimate myocardial ischaemia after recent myocardial infarction 512
 BLOOM S *see* Clarke J *et al*
 BLOOMFIELD P *see* Shaw T R D *et al*
 BOBBIO M *see* Presbitero P *et al*
 BOGERIJEN L van *see* van Boegerijen L
 BOJANOWSKI L M R *see* Timmis A D *et al*
 BONO D De *see* De Bono D
 BOS E *see* Laird-Meeter K *et al*
 BOUGHNER D R *see* Whittaker P *et al*
 BOURKE J (& Tansuphaswadikul S, Cowan J C, Hilton C J, Campbell R W F) Surgical management of ventricular arrhythmias within two months of myocardial infarction 63 P
 —*see also* Cowan J C *et al*
 BOURKE J P (& Hawkins T) Dipyridamole versus exercise thallium imaging: comparable or not? 590 P
 —*see also* Buchalter M *et al*
 Cowan J C *et al*
 BOVE A A *see* Safford R E & Bove A A
 BOWKER T J (& Cross F W, Bown S G, Rickards A F) Reduction of vessel wall perforation by the use of sapphire tipped optical fibres in laser angioplasty 88 P
 BOWN S G *see* Bowker T J *et al*
 BOYD E *see* Holt P & Boyd E
 BOYES R *see* Robson S C *et al*
 BOYLE R M *see* Bishop N *et al*
 BRADY H R (& Lynch T T, Kinirons M R, Ohman E M, Horgan J H) Comparison between maximal exercise treadmill testing and tournament squash in men over 45 years 574 P
 BRAMUCCI E *see* De Servi S *et al*
 BRAND M J B M VAN DEN *see* Van den Brand M J B M
 BRANDT P W T *see* Norris R M *et al*
 BRAY C L *see* Schofield P M *et al*
 BRENTANO C FUNCK- *see* Funck-Brentano C
 BRITISH CARDIAC SOCIETY WORKING GROUP Coronary Prevention: conclusions and recommendations 188
 BRITISH CORONARY ANGIOPLASTY GROUP Percutaneous transluminal coronary angioplasty for recurrent angina pectoris after coronary artery surgery 78 P
 BROOKS N H *see* Schofield P M *et al*
 BROWER R W *see* Fioretti P *et al*
 BROWN M A *see* Norris R M *et al*
 BROWNLEE W C *see* Foster C J *et al*
 BRUSCA A *see* Presbitero P *et al*
 BUCHALTER M (& Bourke J P, Tansuphaswadikul S) Unusual echocardiographic appearance of intracardiac thrombi in a patient with endomyocardial fibrosis: correspondence 300
 —*see also* Been M *et al*
 BUCHALTER M B (& Quigley P J, Walsh M J, Maurer B J, Gearty G F) Coronary atheroma evolution: patterns, correlates, and clinical implications 588 P
 BUCKLEY M *see* Singer D R J *et al*
 BUCKLEY M G *see* Singer D R J *et al*
- BULLER N P (& Poole-Wilson P A) An objective assessment of maximal exercise capacity from a submaximal exercise test in patients with chronic heart failure 82 P
 BURCHELL H B Did Einthoven invent a string galvanometer? 190
 BURROWS P E *see* Musewe N N *et al*
 BUSH R *see* Chalmers J C *et al*
- CAMM A J *see* Davies D W *et al*
 Kaye G C *et al*
 Lau C P *et al*
 Nathan A W *et al*
 Toff W D *et al*
 CAMM J *see* Cripps T *et al*
 CAMPBELL N P S *see* McNeill A J *et al*
 CAMPBELL R W F *see* Bourke J *et al*
 Cowan J C *et al*
 Wren C & Campbell R W F
 CAMPBELL S (& Jewitt D E) Residual ischaemia and risk of further cardiac events in survivors of first Q and non-Q-wave infarction 78 P
 CANDELL-RIERA J (& Castell-Conesa J, Ortega-Alcalde D) Detection of coronary artery disease by thallium scintigraphy in patients with valvar heart disease: correspondence 393
 CANEPA-ANSON R *see* Bayliss J *et al*
 Crake T *et al*
 Walsh K P *et al*
 CANHAM P B *see* Whittaker P *et al*
 CAPLIN J L (& Favaro L, Fettiche J J, Dymond D S) Failure of coronary anatomy to predict accurately left ventricular dysfunction on exercise 589 P
 —*see also* Davis D W *et al*
 Favaro L *et al*
 CARBONI G P (& Lahiri A, Cashman P M M, Raftery E B) "Reperfusion" arrhythmias after ST segment depression on ambulatory monitoring in stable angina 103 P
 CAREY C M (& Griffith M J, Coltart D J, Jenkins B S, Webb-Peploe M M) The need for coronary arteriography in patients with aortic valve disease 583 P
 —*see also* Griffith M J *et al*
 CARRON D B *see* Jacob L H & Carron D B
 CARSON P *see* Oldroyd K G *et al*
 CARUANA M P *see* Rodriguez E A *et al*
 CASEY C *see* Ohman M *et al*
 CASHMAN P M M *see* Carboni G P *et al*
 CASTELL-CONEZA J *see* Candell-Riera J *et al*
 CHADWICK E *see* Varma M P S *et al*
 CHALMERS J C (& Court D S, Bush R, Lewis C T, Mills P G) A longitudinal study of smooth muscle cell turnover within and platelet deposition on experimental vein grafts 579 P
 —*see also* Court D S *et al*
 CHAMBERS J B (& Kiff P S, Gardner W N, Jackson G, Bass C) End-tidal pCO₂ on exercise in the diagnosis of non-cardiac chest pain 68 P
 —(& Monaghan M J, Jackson G, Jewitt D E) Flail or torn cusps of tissue valve prostheses diagnosed by Doppler ultrasound 74 P
 CHAN N S (& McLay J, Kenmure A C F) Reversibility of primary pulmonary hypertension during six years of treatment with oral diazoxide: case report 207
 CHANDLER S *see* Perry R A *et al*
 CHEESMAN M G (& John R, Murray N, Thomas J, Redding V J) Pulsed Doppler ultrasound in the diagnosis of post-infarction ventricular septal defect 563 P
 CHENG T O Incidence of spasm at the site of previous successful transluminal coronary angioplasty: effect of ergometrine maleate in consecutive patients: correspondence 492
 CHIERCHIA S *see* Hackett D *et al*
 CHITA S *see* Allan L D *et al*
 CHITA S K *see* Allan L D *et al*
 CHOI J Y (& Anderson R H, Macartney F J) Absent right superior caval vein (vena cava) with normal atrial arrangement 474

- CHRISTIE J *see* Cunningham A D *et al*
 McAlpine H M *et al*
- CIPOLLA C M *see* Bella P D *et al*
- CLARKE B (& Till J, Rowland E, Ward D E, Barnes P J, Shinebourne E A) Rapid termination of supraventricular tachycardia in children by adenosine 584 P
- CLARKE D B *see* Perry R A *et al*
- CLARKE J (& Davies G, Kerwin R, Hackett D, Larkin S, Dawbarn D, Lee Y, Bloom S, Yacoub M, Maseri A) Neuropeptide Y causes myocardial ischaemia in man by small vessel constriction 570 P
- CLARKE M *see* Oldroyd K G *et al*
- CLARKE S E M *see* Ettedgui J *et al*
- CLELAND J (& Gladstone D, Hamilton L, O'Kane H) A comparison of the St Jude medical and the Carpentier-Edwards xenograft valves in the mitral area 100 P
 —*see also* O'Kane H *et al*
- CLELAND J G F (& Dargie H J, Findlay I N, Wilson J T) Clinical, haemodynamic, and antiarrhythmic effects of long term treatment with amiodarone of patients in heart failure 436
 —*see also* Richards A M *et al*
- COBBE S M *see* Rankin A C *et al*
 Hutchison S J & Cobbe S M
 Simpson I A *et al*
- COBBS B W *see* James T N *et al*
- COGHLAN H C *see* James T N *et al*
- COLCHESTER A C F *see* Nevin M *et al*
- COLEMAN E N *see* Houston A B *et al*
 Simpson L A *et al*
- COLLI A *see* Sutherland G R *et al*
- COLLINS R (& Sleight P) Randomised trial of high dose intravenous streptokinase, of oral aspirin, and of intravenous heparin in acute myocardial infarction 576 P
- COLTART D J *see* Carey C M *et al*
 Griffith M J *et al*
- COLWELL L *see* Douglas A S *et al*
- CONESA J CASTELL- *see* Castell-Conesa J
- CONNELL M *see* Bell D *et al*
- CONROY R *see* Robinson K *et al*
- COOKE M B D *see* Northcote R J & Cooke M B D
- COOPER I C *see* Ineson N *et al*
- CORNU E B *see* Davies D W *et al*
- CORRALL R J M *see* O'Brien I A D & Corrall R J M
- COURT D S (& Chalmers J C, Lewis C T, Mills P G) The influence of short term or long term aspirin administration after experimental vein graft insertion 571 P
 —*see also* Chalmers J C *et al*
 Gershlick A H *et al*
- COWAN J C (& Been M, Gibb I) Is ventricular fibrillation complicating acute myocardial infarction a reperfusion arrhythmia? 587 P
- (& Bourke J P, Reid D S, Julian D G) Nitrate tolerance: prevention by intermittent dosing 97 P
- (& Griffiths C J, Hilton C J, Bourke J, Tansuphaswadikul S, Murray A, Campbell R W F) Left ventricular repolarisation sequence in man 574 P
 —*see also* Bourke J *et al*
- CRAKE T (& Crean P, Shapiro L M, Canepa-Anson R, Poole-Wilson P A) Continuous recording of coronary sinus oxygen saturation during atrial pacing in patients with and without coronary artery disease or with syndrome X 67 P
 —(& Rickards A F, Poole-Wilson P A) Acidosis in heart muscle after acute coronary occlusion in man: studies during angioplasty 77 P
 —*see also* Crean P A *et al*
 Quyyumi A A *et al*
- CRAWFORD D C *see* Allan L D *et al*
- CREA F (& Davies G, McKenna W J, Pashazadeh M, Kidner P, Taylor K M, Maseri A) Percutaneous laser recanalisation of coronary arteries in man: early results 87 P
 —*see also* McKenna W J *et al*
- CREAN P *see* Crake T *et al*
- CREAN P A (& Crake T, Quyyumi A A, Wright C, Mockus L, Fox K M) Therapeutic implications of silent myocardial ischaemia 68 P
 —*see also* Gibbs J S R *et al*
- CRICK J C P (& Davies G J, Impallomeni M, Oakley C M) A transseptal aortic balloon valvotomy 585 P
 —*see also* Holt P *et al*
 Timmins A D *et al*
- CRIPPS T (& Gilmore S, Mannerling D, Bennett D, Camm J, Ward D) Signal averaged ECG and Doppler aortic blood flow after myocardial infarction 590 P
 —(& Pumphrey C W, Parker D J) Rupture of the sinus of Valsalva during pregnancy: case report 490
- CROSS F W *see* Bowker T J *et al*
- CROZIER I G *see* Ikram H *et al*
- CUMBERLAND D C *see* Starkey I R *et al*
- CUNNINGHAM A D (& Kennedy J A, McAlpine H M, Christie J) Atrial flutter: the relation between ECG flutter waves and endocardial atrial activity and excitability 577 P
 —(& Rowland E, Rickards A F) Low energy ablation of atrioventricular conduction: comparison with conventional ablation 64 P
- CUNNINGHAM D *see* Levy R D *et al*
 McAlpine H M *et al*
- CUNNINGHAM S R *see* McNeill A J *et al*
- CURRY P V L *see* Ladusans E J *et al*
 Najm Y C *et al*
- DALY L *see* Graham I & Daly L
- DANCY M (& Redwood D, Pumphrey C W, Ward D E) Balloon aortic valvuloplasty: high frequency of early recurrence of aortic stenosis 561 P
 —*see also* Mannerling D *et al*
- DARGIE H J *see* Cleland J G F *et al*
 Findlay I N *et al*
 McLenaghan J M *et al*
 Richards A M *et al*
 Sutherland C *et al*
- DAVIDSON K G *see* Pringle S D & Davidson K G
- DAVIDSON L A G *see* McCabe E *et al*
- DAVIES D W (& Nathan A W, Caplin J L, Camm A J) Provocation of ventricular tachycardia by high energy catheter ablation of normal atrioventricular conduction 579 P
 —(& Sponzilli C, Cornu E B, Holley L K, Richards D A, Camm A J) Atrioventricular relations during tachycardia: are they useful for diagnosis? 585 P
 —*see also* Nathan A W *et al*
- DAVIES E *see* Flapan A D *et al*
- DAVIES G *see* Clarke J *et al*
 Crea F *et al*
 Hackett D *et al*
- DAVIES G J *see* Crick J C P *et al*
 McKenna W J *et al*
 Yousif H *et al*
- DAVIES M J *see* Valentine H *et al*
- DAVIES M K *see* Jagger J *et al*
- DAVIS J A S *see* Oldroyd K G *et al*
- DAWBARN D *see* Clarke J *et al*
- DAWKINS K *see* Mannerling D *et al*
- DE BONI D Coronary thrombolysis: jubilee editorial 301
- DE FEYTER P J *see* Beatt K J *et al*
- DE GIOVANNI J V (& Wright J G C, Silove E D) Balloon angioplasty for coarctation of the aorta in infants and children 66 P
 —*see also* Poulton J *et al*
- DE SANTIS F *see* Loperfido F *et al*
- DE SERVI S (& Ferrario M, Ghio S, Mussini A, Angoli L, Bramucci E, Bartoli A, Poma E, Rondanelli R, Specchia G) Coronary haemodynamic effects of short term intravenous administration of

- gallopamil in patients with stable exertional angina 226
DEAN J W see Singer D R J et al
DEIRANIYA A K see Schofield P M et al
DEMARIE D see Presbitero P et al
DEN BERG E VAN see van den Berg E
DEN BRAND M J B M VAN see Van den Brand M J B M
DER FELTZ T A VAN see van der Feltz T A
DEVERALL P see Handler C E et al
DEVERALL P B see Martin R P et al
DICKIE S see Yonezawa Y et al
DOIG W B see Houston A B et al
 Simpson L A et al
DOLLERY C T see McEwan J R et al
DOMBURG R VAN see Van Domburg R
DONALDSON R see Taggart P et al
DOUBILET P see Kenny J et al

DRAKE-HOLLAND A J see Seed W A et al
DUMORA P see Veyrat C et al
DUNLOP W see Robson S C et al
DUNN F G see Hornung R S et al
 Johnston F A et al
 Pringle S D et al
DYMOND D S see Caplin J L et al
 Favarro L et al
- EDMONDSON S J** see Nathan A W et al
EDWARDS C R W see Flapan A D et al
ELSTOB J see Lau C P et al
EL FAWAL M A (& Berg G A, Wheatley D J, Harland W A) Sudden coronary death in Glasgow: nature and frequency of acute coronary lesions 329
 — — — Sudden coronary death in Glasgow: the severity and distribution of chronic coronary atherosclerotic stenoses 420
ELLIOTT A T see Findlay I N et al
EMANUEL R see Taggart P et al
ERNST S M P G (& van der Feltz T A, Bal E T, van Bogerijen L, van den Berg E, Ascoop C A P L, Plokker H W T) Long term angiographic follow up, cardiac events, and survival in patients undergoing percutaneous transluminal coronary angioplasty 220
ERTL G (& Schaal K P, Kochsiek K) Nocardial endocarditis of an aortic valve prosthesis: case report 384
ETTEDGUI J (& Baker E J, Clarke S E M, Jones O D H, Maisey M N, Qureshi S, Tynan M J) Viral myocarditis in children 71 P
ETTEDGUI J A (& Baker E J, Jones O D H, Reidy J, Tynan M J) Intermediate term results of percutaneous balloon pulmonary valvoplasty 70 P
 — see also Martin R P et al
 Qureshi S A et al
 Tynan M et al
EVANS N T S F see Norton M Y et al
EVANS T R see Wynne G et al
- FABBIOCCHI F** see Bella P D et al
FABRI B see Llewellyn M J et al
FAGG N see Allan L D et al
FARRELL I D see Smith G et al
FAVARO L (& Caplin J L, Fettiche J J, Dymond D S) Sex differences in exercise induced left ventricular dysfunction in patients with syndrome X 232
 — see also Caplin J L et al
FAVUZZI A see Loperfido F et al
FAWAL M A E see El Fawal M A
FELTZ T A van der see van der Feltz T A
FERRARIO M see De Servi S et al
FESSATIDIS I see Hackett D et al
FETTICHE J J see Caplin J L et al
 Favarro L et al
- FEYTER P J DE** see de Feyter P J
FINCI L see Steffenino G et al
FINLAY I N (& MacLeod K, Gillen G, Elliott A T, Aitchison T, Dargie H J) A double blind placebo controlled comparison of verapamil, atenolol, and their combination in patients with chronic stable angina pectoris 336
 — see also Cleland J G F et al
FIORETTI P (& Tijsen J G P, Azar A J, Lazzeroni E, Brower R W, Ten Kate H J, Lubsen J, Hugenholtz P G) Prognostic value of predischarge 12 lead electrocardiogram after myocardial infarction compared with other routine clinical variables 306
FIRMIN D N see Klipstein R H et al
 Rees R S O et al
 Underwood S R et al
FISCH C see James T N et al
FISHER B M see Sutherland C et al
FLANNERY D J see McNeill A J et al
FLAPAN A D (& Shaw T R D, Stewart S, Davies E, Williams B C, Edwards C R W) Duration of endocrine and haemodynamic effects of enalapril and captopril in heart failure 82 P
 — see also Shaw T R D et al
FLEMING H A Sudden death: occurrence in 300 cases of sarcoid heart disease in the United Kingdom 573 P
FLINT E J see Jagger J et al
FOALE R A see Nihoyannopoulos P et al
 Valantine H et al
FONG L V (& Venables A W) Isolation of the left common carotid or left innominate artery 552
FOSTER C J (& Brownlee W C, Love H G) Management of coronary artery occlusion occurring at coronary angioplasty 85 P
FOWLER M B see Valentine H A et al
FOX K see Shapiro L M et al
FOX K M see Crean P A et al
 Gibbs J S R et al
 Levy R D et al
 Mulcahy D et al
 Quyyumi A A et al
FREEDOM R M see Musewe N N et al
FREEMAN L J (& Nixon P G F) Type A behaviour pattern in patients with coronary artery disease 570 P
 — (Sallabank P) Psychological stress as a dynamic factor producing myocardial ischaemia in coronary artery disease 69 P
FRENNEAUX M see Lipkin D P et al
FRIER B M see Sutherland C et al
FUJITA M (& Sasayama S, Ohno A, Nakajima H, Asanoi H) Importance of angina for development of collateral circulation 139
FULLER R W see McEwan J R et al
FUNCK-BRENTANO C (& Pagny J-Y, Menard J) Neurogenic hypertension associated with an excessively high excretion rate of catecholamine metabolites: case report 487
FYKE F E see Vidaillet H J et al
- GAIRNS J** see Behan W M H et al
GALVIN I see O'Kane H et al
GAMMAGE M D (& Wilkins M R, Tan L B, Lewis H M, Littler W A) Effects of lower body positive pressure on plasma atrial natriuretic peptide and sodium excretion in cardiac transplant patients 587 P
 — see also Lowry P J et al
GARDENER J see Lyons J et al
 Norell M et al
 Norell M S et al
GARDNER W N see Chambers J B et al
GAVRIELIDES P see Hackett D et al
GEARTY G F see Buchalter M B et al
GENTLE T A see Lowry P J et al
GEORGE C R P The cause of rheumatic heart disease: correspondence 394
GERLIS L M see Phillips R R et al

- GERSHLICK A** *see* Lyons J et al
 Norell M et al
- GERSHLICK A H** (& Balcon R) Long term clinical follow up of patients after coronary surgery and assessment of the benefits of postoperative aspirin and dipyridamole 564 P
- (& Court D S, Mills P G, Balcon R) Is single coronary artery occlusion in young adults the result of abnormal platelet function? 98 P
- GEUSKENS R** *see* Beatt K J et al
- GHAZALI W AL-** *see* Al-Ghazali W
- GHIO S** *see* De Servi S et al
- GIBB I** *see* Cowan J C et al
- GIBBS J S R** (& Crean P A, Wright C, Mockus L, Shackell M M, Sutton G C, Fox K M) Does angiotensin converting enzyme inhibition reduce myocardial ischaemia in patients with stable angina? 579 P
- GIBSON D G** *see* Greenbaum R A et al
 Valentine H A et al
- GILCHRIST R** British Cardiac Society – Golden Jubilee: jubilee editorial 2
- GILLEN G** *see* Findlay I N et al
- GILMORE S** *see* Cripps T et al
- GIMIGLIANO F** *see* Loperfido F et al
- GOVANNI J V DE** *see* De Giovanni J V
- GISHEN P** *see* Quigley P et al
- GLADSTONE D** *see* Cleland J et al
 O’Kane H et al
- GLADSTONE D J** *see* O’Kane H et al
- GLOVER D R** (& Little W A) Factors influencing survival and mode of death in severe chronic ischaemic cardiac failure 125
- GOODWIN J F** Kenneth Shirley Smith: Obituary 391
- GOSLING R** *see* Timmis A D et al
- GOULD B A** (& Turner J R, Keeling D H, Ring N J, Marshall A J) A bedside nuclear probe for detection and quantification of left to right intracardiac shunts 91 P
- GORUTCHIGLOUAN C** *see* Veyrat C et al
- GRAHAM I** (& Daly L) Quantifying clinical judgement: the prediction of coronary artery surgical mortality 104 P
- GRAY H H** (& Morgan J M, Paneth M, Miller G A H) Pulmonary embolectomy: indications and results 572 P
- GRAY I R** Infective endocarditis 1937–1987: jubilee editorial 211
- GRAZI S** *see* Bella P D et al
- GREENBAUM R A** (& Gibson D G, Yacoub M H, Anderson R H) Myocardial architecture of right ventricular hypertrophy 108 P
- GRIFFIN B** (& Timmis A D, Sowton E) Myocardial perfusion imaging with contrast echocardiography 90 P
- see also* Timmis A D et al
- GRIFFITH M J** (& Carey C M, Coltart D J, Jenkins B S, Webb-Peploe M M) Possible pitfalls when mean aortic valve gradient alone is used to grade aortic stenosis 580 P
- see also* Carey C M et al
- GRIFFITHS C J** *see* Cowan J C et al
- GRØTTUM P** *see* Risøe C et al
- GUZZI M D** *see* Bella P D et al
- GUMBRIELLE T** *see* McParland C et al
- GURDEN J** *see* Anand I S et al
- GUZ A** *see* Banner N R et al
- HACKETT D** (& Davies G, Chierchia S, Maseri A) Coronary occlusion in acute myocardial infarction is frequently intermittent 99 P
- Coronary anatomy and collateral vessels during evolving acute myocardial infarction 571 P
- (& Fessatidis I, Sapsford R, Oakley C) Ten year clinical evaluation of Starr-Edwards 2400 and 1260 aortic valve prostheses 356
- (& Gavrielides P, Larkin S, Chierchia S, Davies G, Maseri A) Do infarct related coronary stenoses become remodelled after successful thrombolysis? 73 P
- (& Larkin S, Chierchia S, Davies G, Maseri A) Mechanisms of ergometrine induced coronary artery spasm 68 P
- see also* Clarke J et al
- HAINS A D B** (& Al-Khawaja I, Hinge D A, Lahiri A, Raftery E B) Radionuclide left ventricular ejection fraction: a comparison of three methods 242
- HAITES N** *see* Rawles J M et al
- HALLIDIE-SMITH K A** (& Morais P) Are major cardiac defects invariably recognised in the newborn infant? 66 P
- HALON D A** *see* Turgeman Y et al
- HALPERIN J L** *see* Stern A et al
- HAMILTON D I** *see* Lamb R K et al
 Qureshi S A et al
- HAMILTON L** *see* Cleland J et al
 O’Kane H et al
- HAMILTON R** *see* Banner N R et al
- HAMOURATIDIS N** *see* Handler C E et al
- HANDLER C E** (& Hamouratidis N, Pipilis A, Sowton E, Deverall P, Yates A) Exertional ventricular tachycardia and myocardial ischaemia after coronary artery surgery 564 P
- (& Holt P M) Why pace the elderly? 75 P
- HARLAND W A** *see* El Fawal M A et al
- HARRIS P** *see* Anand I S et al
- HARRISON M** *see* Venn G et al
- HART G** *see* Bishop N et al
- HATLE L** *see* Valentine H A et al
- HAWKINS T** *see* Bourke J P & Hawkins T
- HAYWARD R** *see* Taggart P et al
- HENDERSON A H** *see* Angelini G D et al
 Singh H et al
- HENDERSON E** *see* McLenahan J M et al
- HENDERSON R** *see* Timmis A D et al
- HERLEVSEN P** (& Andersen P T) Constitutional predisposition to vasovagal syncope: an additional risk factor in patients exposed to electrical injuries?: case report 284
- HERRMANN G** *see* Arnende I et al
- HICKS K** *see* Varma M P S et al
- HIGENBOTTAM T W** *see* Jones D K et al
- HILLIS W S** *see* Hogg K J et al
 Hornung R S et al
 Johnston F A et al
- HILTON C J** *see* Bourke J et al
 Cowan J C et al
- HINGE D A** *see* Hains A D B et al
- HIROSE K** *see* Tsujimoto S et al
- HOGG K J** (& Hornung R S, Hillis W S) The role of verapamil with digoxin in atrial fibrillation: a physiological resetting of ventricular response 105 P
- (Howie C A, Hillis W S) Haemodynamic response to ibopamine: evidence for differential activity on the venous and arterial sides 583 P
- see also* Hornung R S et al
 Johnston F A et al
- HOLLAND A J** *DRAKE-* *see* Drake-Holland A J
- HOLLEY L K** *see* Davies D W et al
- HOLT D** *see* Ladusans E J et al
 Till J et al
- HOLT D W** *see* Robinson K C et al
- HOLT P** (& Boyd E) The role of electrode geometry in successful low energy ablation 64 P
- The comparative safety and success of the endocardial ablation technique applied to His bundles, accessory pathways, and ventricular tachycardia 76 P
- (& Crick J C P, Sowton E) Prevention of sudden death: two years' experience with the implantable defibrillator 63 P
- HOLT P M** *see* Handler C E & Holt P M
- HORGAN J** *see* Ohman M et al
 McParland C et al
- HORGAN J H** *see* Brady H R et al
- HORNUNG R S** (& Hogg K J, Dunn F G, Hillis W S) The value of exercise testing and thallium scintigraphy in identifying patients with myocardial ischaemia after thrombolytic treatment 588 P

- see also Hogg K J *et al*
 Johnston F A *et al*
- HOUSTON A B (& Simpson I A, Doig W B, Jamieson M P G, Pollock J C S, Coleman E N) The practical application of Doppler to patients with a ventricular septal defect 75 *P*
- (—Pollock J C S, Jamieson M P G, Doig W B, Coleman E N) Doppler ultrasound in the assessment of severity of coarctation of the aorta and interruption of the aortic arch 38
- see also Simpson L A *et al*
- HUGENHOLTZ P G *see* Beatt K J *et al*
 Fioretti P *et al*
 Laird-Meeter K *et al*
- HUIKURI H V Detection of coronary artery disease by thallium scintigraphy in patients with valvar heart disease: correspondence reply 394
- HOWIE C A *see* Hogg K J *et al*
- HUNT S A *see* Valentine H A *et al*
- HUNTER G J *see* Thomas H *et al*
- HUNTER S *see* Peart I *et al*
 Robson S C *et al*
- HUTCHISON S J (& Cobbe S M) Management of myocardial infarction in Scotland 96 *P*
- HUTTON I *see* McGhie I *et al*
 Tweddell A *et al*
 Tweddell A C *et al*
- IKRAM H (& Williamson H G, Won M, Crozier I G, Wells E J) The course of idiopathic dilated cardiomyopathy in New Zealand 521
- IMAI Y *see* Momma K *et al*
 Terai M *et al*
- IMAMURA H *see* Shimoyama Y *et al*
- IMPALLOMENI M *see* Crick J C P *et al*
- INESON N (& Cooper I C, Webb-Peploe M M) Percutaneous transluminal coronary angioplasty in patients with previous coronary artery bypass graft surgery 89 *P*
- INNES J A *see* Banner N R *et al*
- ISLES C *see* McLenaghan J M *et al*
- JACKSON G (& Monaghan M, Thomas S, Jewitt D) Percutaneous aortic valvuloplasty for aortic stenosis 69 *P*
- see also Bass C *et al*
 Chambers J B *et al*
 Quigley P *et al*
 Quigley P J *et al*
- JACKSON M *see* Bell D *et al*
- JACOB L H (& Carron D B) Atrial fibrillation precipitated by tyramine containing foods: case report 205
- JACOBS H S *see* Rodrigues E A *et al*
- JAGGER J (& Murray R G, Flint E J, Davies M K, Littler W A) Thrombolytic treatment in acute myocardial infarction: the scope in a district general hospital 104 *P*
- JAMES T N (& Cobbs B W, Coghlan H C, McCoy W C, Fisch C) Coronary disease, cardioneuropathy, and conduction system abnormalities in the cardiomyopathy of Friedreich's ataxia 446
- JAMIESON M P G *see* Houston A B *et al*
 Simpson L A *et al*
- JENKINS B S *see* Carey C M *et al*
 Griffith M J *et al*
- JENSEN P J (& Thomsen P E B, Bagger J P, Nørgaard A, Baandrup U) Electrical injury causing ventricular arrhythmias 279
- JEWITT D *see* Jackson G *et al*
- JEWITT D E *see* Campbell S & Jewitt D E
 Chambers J B *et al*
 Meany B T *et al*
 Quigley P *et al*
 Quigley P J *et al*
- JOHN R *see* Cheesman M G *et al*
- JOHNSON M *see* Wynne G *et al*
- JOHNSTON A *see* Robinson K C *et al*
- JOHNSTON F A (& Dunn F G, Hogg K J, Hornung R S, Hillis W S) Thrombolytic treatment in acute myocardial infarction in the elderly 73 *P*
- JONES D K (& Higenbottam T W, Wallwork J) Treatment of primary pulmonary hypertension with intravenous epoprostenol (prostacyclin) 270
- JONES M *see* Schofield P M *et al*
- JONES O D H *see* Ettegui J *et al*
 Ettegui J A *et al*
 Martin R P *et al*
 Qureshi S A *et al*
- JONES P E *see* Schofield P M *et al*
- Joy M *see* Toff W D *et al*
- Joy M D *see* Robinson P S *et al*
- JUANEDA E *see* Alday L E & Juaneda E
- JULIAN D G The history of coronary care units: jubilee editorial 497
- see also Cowan J C *et al*
- KALMANSON D *see* Veyrat C *et al*
- KASAB S AL *see* Al Kasab S
- KATEN H J TEN *see* Ten Katen H J
- KAWADA K *see* Shimoyama Y *et al*
- KAYE G C (& Baylis P, Lowry P J, Camm A J) Mechanisms underlying polyuria accompanying supraventricular tachycardia in man 94 *P*
- see also Lau C P *et al*
- KEATES J *see* Bass C *et al*
- KEELING D H *see* Gould B A *et al*
- KEETON B R *see* Sutherland G R *et al*
- KENMURE A C F *see* Chan N S *et al*
- KENNEDY J A *see* Cunningham A D *et al*
 McAlpine H M *et al*
- KENNY J (& Plappert T, Doubilet P, Saltzman D, Sutton S J M) Doppler echocardiographic study of the changes in intracardiac blood flow and gestational age of the human fetus 66 *P*
- KERKEZ S *see* Meany B T *et al*
- KERWIN R *see* Clarke J *et al*
- KHAGHANI A *see* Banner N *et al*
 Banner N R *et al*
 Singer D R J *et al*
- KHAN M M *see* McNeill A J *et al*
- KHATIB J AL *see* Al Khatib J
- KHAWAJA I AL- *see* Al-Khawaja I
- KHAWAJA I M AL- *see* Al-Khawaja I M
- KHIN M AUNG- *see* Aung-Khin M
- KIDNER P *see* Crea F *et al*
 McKenna W J *et al*
- KIFF P S *see* Chambers J B *et al*
- KINIRONS M R *see* Brady H R *et al*
- KIRKEBY O J *see* Risøe C *et al*
- KITCHIN A H *see* Price W H *et al*
- KJEKSHUS J K *see* Risøe C *et al*
- KLINGER L *see* Venn G *et al*
- KLIPSTEIN R H (& Firmin D N, Underwood S R, Rees R S O, Longmore D B) Magnetic resonance blood flow patterns in the human aorta 106 *P*
- see also Rees R S O *et al*
 Underwood S R *et al*
- KOCHSIEK K *see* Ertl G *et al*
- KOSKINEN P (& Kupari M, Leinonen H, Luomanmäki K) Alcohol and new onset atrial fibrillation: a case-control study of a current series 468
- KRIKLER D Cardiac Club 1922: Cardiac Society of Great Britain and Ireland 1937: editorial 1
- KRIKLER D M Electrocardiography then and now: where next? jubilee editorial 113
- see also Robinson K *et al*
- KUPARI M *see* Koskinen P *et al*
- KUROSAWA H *see* Momma K *et al*
- KUROZUMI K *see* Nawas S *et al*

- LADUSANS E J (& Holt D, Curry P V L) Use of amiodarone to maintain sinus rhythm after cardioversion for atrial fibrillation 106 *P*
- LAHIRI A see Carboni G P *et al*
Hains A D B *et al*
Rodrigues E A *et al*
- LAIRD-MEETER K (& Van Domburg R, Van den Brand M J B M, Lubsen J, Bos E, Hugenholtz P G) Incidence, risk, and outcome of reintervention after aortocoronary bypass surgery 427
- LAMB R K (& Qureshi S A, Wilkinson J L, Arnold R, Hamilton D I) Total anomalous pulmonary venous drainage: a seventeen year surgical experience 567 *P*
- LAMBERT P A see Smith G *et al*
- LARGE S R see Nathan A W *et al*
- LARKIN S see Clarke J *et al*
Hackett D *et al*
McEwan J R *et al*
- LAU C P (& Kaye G C, Elstob J, Mehta D, Camm A J) A clinical profile of 200 patients with palpitation 98 *P*
- LAU K C see Lo R N S *et al*
- LAURENZI F see Loperfido F *et al*
- LAVENDER J P see Yonezawa Y *et al*
- LAWSON R A M see Schofield P M *et al*
- LAYTON C see Lyons J *et al*
Murray N *et al*
Norell M *et al*
Norell M S *et al*
- LAZZERONI E see Fioretti P *et al*
- LEATHAM A Auscultation and phonocardiography: a personal view of the past 40 years: jubilee editorial 397
- LEE Y see Clarke J *et al*
- LEEK'S C see Toff W D *et al*
- LEINONEN H see Koskinen P *et al*
- LEUNG M (& Rigby M L, Anderson R H, Wyse R K H, Macartney F J) Reversed offsetting of the septal attachments of the atrioventricular valves and Ebstein's malformation of the morphologically mitral valve 184
- LEVY R D Ambulatory pulmonary artery pressure monitoring in the investigation of myocardial ischaemia 61 *P*
- (& Cunningham D, Shapiro L M, Wright C, Mockus L, Fox K M) Diurnal variation in left ventricular function: a study of patients with myocardial ischaemia, syndrome X, and of normal controls 148
- LEWIS C T see Chalmers J C *et al*
Court D S *et al*
- LEWIS H M see Gammie M D *et al*
- LEWIS L M see Webb S C *et al*
- LICHTLEN P R see Amende I *et al*
- LIGHTMAN S L see Walsh K P *et al*
- LINCOLN C see Bayliss J *et al*
- LINDOP G B see McLennan J M *et al*
Sutherland C *et al*
- LIPKIN D see Scriven A J *et al*
- LIPKIN D P (& Frenneaux M, Stewart R, Lowe T, Maseri A) Conversion of atrial fibrillation to sinus rhythm: evidence for delayed improvement in exercise capacity 102 *P*
- LITTLE W A see Gammie M D *et al*
Glover D R & Little W A
Jagger J *et al*
Lowry P J *et al*
Murray D P *et al*
Tan L B *et al*
- LLEWELLYN M J (& Atkinson M W, Fabri B) Pericardial constriction caused by primary mesothelioma: case report 54
- LLOYD M H see Banner N R *et al*
- LO R N S (& Lau K C, Aung-Khin M) Aortic atresia with complete transposition: case report 483
- LOCKWOOD P see Banner N R *et al*
- LONGMORE D B see Klipstein R H *et al*
Rees R S O *et al*
Underwood S R *et al*
- LOPERFIDO F (& Laurenzi F, Gimigliano F, Pennestri F, Biasucci L M, Vigna C, De Santis F, Favuzzi A, Rossi E, Manzoli U) A comparison of the assessment of mitral valve area by continuous wave Doppler and by cross sectional echocardiography 348
- LORIMER A R see Pringle S D *et al*
- LOVE H G see Foster C J *et al*
- LOWE T see Lipkin D P *et al*
- LOWRY P J (& Gammie M D, Gentle T A, Baynham M I D, Thompson R A, Little W A) Suppressor T lymphocyte function in patients with idiopathic congestive cardiomyopathy 458
—see also Kaye G C *et al*
- LUBSEN J see Fioretti P *et al*
Laird-Meeter K *et al*
- LUCAS S B see Molaja A O *et al*
- LUIJTTEN J E see Beatt K J *et al*
- LUOMANMÄKI K see Koskinen P *et al*
- LYNCH T T see Brady H R *et al*
- LYONS J (& Gershlick A, Gardener J, Layton C) Arrival-time imaging of the thoracic aorta: a new way of demonstrating the site of aortic dissection 577 *P*
- (—Norell M, Layton C) Intravenous digital subtraction aortography in acute aortic dissection 90 *P*
- (& Norell M, Gardener J, Balcon R, Layton C) Exercise digital cardiac fluoroscopy: a new non-invasive technique for the identification of severe coronary disease 91 *P*
- LYONS J see also Murray N *et al*
Norell M *et al*
- LYONS J P see Norell M S *et al*
- MCALPINE H M (& Christie J, Cunningham D, Rae A P, Kennedy J A) Termination of ventricular tachycardia by a long duration, low energy, constant current pulse 76 *P*
—see also Cunningham A D *et al*
- MCCABE E (& Birkett P M, Davidson L A G) Good Hearted Glasgow: The Greater Glasgow Health Board multiple risk factor intervention programme for cardiovascular disease 586 *P*
- MACARTNEY F J see Choi J Y *et al*
Leung M *et al*
Rubay J E *et al*
- McCoy W C see James T N *et al*
- MCDONALD K (& McWilliams E, Maurer B J, O'Keeffe D B) Improved functional capacity in patients with hypertrophic cardiomyopathy treated by dual chamber pacing 591 *P*
- MC EWAN J R (& Benjamin N, Larkin S, Fuller R W, MacIntyre I, Dollery C T) A comparison of the effects of substance P and calcitonin gene related peptide on resistance vessels and veins in man 586 *P*
- MACFARLANE P W see Pringle S D *et al*
- MCGHIE I (& Tweddle A C, Martin W, Hutton I) The spectrum of right ventricular dysfunction associated with inferior myocardial infarction 84 *P*
—see also Tweddle A *et al*
Tweddle A C *et al*
- MACGREGOR G A see Singer D R J *et al*
- MACINTYRE I see McEwan J R *et al*
- MCILRATH E see O'Kane H *et al*
- MCKAY R see Qureshi S A *et al*
- MCKENNA W J (& Davies G J, Crea F, Pashazadeh M, Allwork S, Kidner P, Maseri A) Experimental studies to assess feasibility of laser myotomy 88 *P*
—see also Crea F *et al*
Nihoyannopoulos P *et al*
Robinson K C *et al*
Valantine H *et al*
Yonezawa Y *et al*
- MACKENZIE G see Walker L *et al*
- McKILLOP J see Pringle S D *et al*

- MCCLAY J *see* Chan N S *et al*
 MCLEAN T *see* Varma M P S *et al*
 MCLENACHAN J M (& Henderson E, Lindop G B, Dargie H J) Sudden death in hypertension: a possible mechanism 572 *P*
 — (&—, Morris K I, Dargie H J) Obesity and the electrocardiographic diagnosis of left ventricular hypertrophy 105 *P*
 — (—, Isles C, Dargie H J) Hypertension, hypertrophy, and complex ventricular arrhythmias 100 *P*
 MACLEOD K *see* Findlay I N *et al*
 MCNEILL A *see* O'Kane H *et al*
 MCNEILL A J (& Shannon J S, Cunningham S R, Flannery D J, Campbell N P S, Khan M M, Patterson G C, Webb S W, Adgey A A J) Recombinant tissue plasminogen activator in the early phase of acute myocardial infarction 582 *P*
 MCNEILL G P *see* Main G & McNeill G P
 MCPARLAND C (& Gumbrielle T, Horgan J) Treatment with ambulatory dobutamine infusion of severe chronic heart failure refractory to current treatment 575 *P*
 MCWILLIAMS E *see* McDonald K *et al*
 MAGEE P *see* Norell M *et al*
 MAGEE P G *see* Murday A J *et al*
 MAIN G (& McNeill G P) Provision of pre-hospital coronary care by a taxi service 569 *P*
 MAISEY M N *see* Ettedgui J *et al*
 Martin R P *et al*
 Najm Y C *et al*
 MANNERING D (& Bennett E D, Ward D E, Dawkins K, Dancy M, Valentine H, Mehta N) Accurate detection of triple vessel disease in patients with exercise induced ST segment depression after infarction 133
 — *see also* Cripps T *et al*
 MANUEL L *see* Najm Y C *et al*
 MANZOLI U *see* Loperfido F *et al*
 MARSHALL A J *see* Gould B A *et al*
 MARTEAU T *see* Wynne G *et al*
 MARTIN R P (& Ettedgui J A, Qureshi S A, Baker E J, Jones O D H, Maisey M H, Yates A K, Deverall P B, Radley-Smith R, Tynan M, Yacoub M H) Right and left ventricular function after anatomical correction and the Mustard and Senning operations for transposition of the great arteries 567 *P*
 — *see also* Tynan M *et al*
 MARTIN W *see* McGhie I *et al*
 Tweddel A *et al*
 Tweddel A C *et al*
 MARUSZEWSKI B *see* Qureshi S A *et al*
 MARY D A S G *see* Bishop N *et al*
 MASERI A *see* Clarke J *et al*
 Crea F *et al*
 Hackett D *et al*
 Lipkin D P *et al*
 McKenna W J *et al*
 MAURER B J *see* Buchalter M B *et al*
 McDonald K *et al*
 MEANY B T (& Richardson P J, Atkinson L, Bergman G, Kerkez S, Jewitt D E) The acute effects of ethanol on myocardial metabolism in patients with alcohol induced heart muscle disease 71 *P*
 — *see also* Quigley P J *et al*
 MEETER K LAIRD- *see* Laird-Meeter K
 MEHTA D *see* Lau C P *et al*
 MEHTA N *see* Mannerling D *et al*
 MEIER B *see* Steffening G *et al*
 MELTZER R S *see* Piérard L A *et al*
 MENARD J *see* Funck-Brentano C *et al*
 MILLAR A M *see* Bell D *et al*
 MILLER G A H *see* Gray H H *et al*
 MILLS C *see* Seed W A *et al*
 MILLS P G *see* Chalmers J C *et al*
 Court D S *et al*
 Gershlick A H *et al*
 MINDICH B P *see* Stern A *et al*
 MITCHELL A *see* Banner N *et al*
 Valentine H *et al*
 MITCHELL A G (& Yacoub M) Efferent autonomic reinnervation after heterotopic cardiac transplantation in humans 87 *P*
 — *see also* Al Khatib J *et al*
 Banner N R *et al*
 MOCKUS L *see* Crean P A *et al*
 Gibbs J S R *et al*
 Levy R D *et al*
 Mulcahy D *et al*
 MOCKUS L J *see* Quyyumi A A *et al*
 MOES C A F *see* Musewe N N *et al*
 MOLAO A O (& Bennett D H, Ashcroft C, Lucas S B) Is there a correlation between exercise tolerance and haemodynamic variables in patients with chronic severe left ventricular dysfunction? 96 *P*
 MOMMA K (& Takao A, Imai Y, Kurosawa H) Obstruction of the central pulmonary artery after shunt operations in patients with pulmonary atresia 534
 MONAGHAN M *see* Jackson G *et al*
 Quigley P J *et al*
 MONAGHAN M *see* Chambers J B *et al*
 MONRO J L *see* Sutherland G R *et al*
 MORAIS P *see* Hallidie-Smith K A & Morais P
 MOREA M *see* Presbitero P *et al*
 MORGAN J M *see* Gray H H *et al*
 MORRIS K I *see* McLenachan J M *et al*
 MORRIS-THURGOOD J A *see* Webb S C *et al*
 MORTON J (& Rodger C) Floppy mitral and aortic valves: a common combination 589 *P*
 MORTON P *see* Richardson S G *et al*
 MOSS D *see* Yousif H *et al*
 MOUSSALI H *see* Schofield P M *et al*
 MUIR A L (& Rodrigues E A) Diagnosis and prognosis of right ventricular infarction: correspondence reply 494
 — *see also* Bell D *et al*
 MULCAHY D (& Wright C, Mockus L, Yacoub M, Fox K M) Cardiac transplantation in severely ill patients requiring active in-hospital support 85 *P*
 MULCAHY R *see* Robinson K *et al*
 MULROW J P *see* Robinson K C *et al*
 MURDAY A J (& Pillai R, Magee P G, Walesby R K, Wright J E C, Sturridge M F) Results of surgical repair for dissection of the ascending aorta 548
 MURRAY A *see* Cowan J C *et al*
 MURRAY D P (& Salih M, Tan L B, Murray R G, Littler W A) Prognostic stratification of patients after myocardial infarction 313
 MURRAY N (& Lyons J, Layton C, Balcon R) What proportion of patients with myocardial infarction are suitable for thrombolysis? 144
 — *see also* Cheesman M G *et al*
 MURRAY R G *see* Jagger J *et al*
 Murray D P *et al*
 Perry R A *et al*
 Tan L B *et al*
 MURTAGH J G *see* Richardson S G *et al*
 MUSEWE N N (& Robertson M A, Benson L N, Smallhorn J F, Burrows P E, Freedom R M, Moes C A F, Rowe R D) The dysplastic pulmonary valve: echocardiographic features and results of balloon dilatation 364
 MUSSINI A *see* De Servi S *et al*
 NABARRO J D N *see* Rodrigues E A *et al*
 NAJM Y *see* Timmis A D *et al*
 NAJM Y C (& Timmis A D, Maisey M N, Manuel L, Pinies Y, Salinas A, Curry P V L, Sowton E) Residual stenosis after percutaneous transluminal coronary angioplasty and its effects on left ventricular function: evidence for delayed healing at angioplasty site 562 *P*

- NAKAJIMA H *see* Fujita M *et al*
 NAKAZAWA M *see* Terai M *et al*
 NATHAN A W (& Large S R, Davies D W, Young C P, Camm A J, Edmondson S J, Rees G M, Spurrell R A J) Results from surgical treatment for ventricular tachycardia and fibrillation 62 P
 — *see also* Davies D W *et al*
 NAWA S (& Kurozumi K, Teramoto S) Traumatic combined valve lesions with aneurysm of the sinus of Valsalva causing late onset of heart failure: case report 377
 NELSON G I C (& O'Rourke M, Raftos J, Norris R) Thrombolysis in Coronary Occlusion (TICO) trial: how many patients with myocardial infarction might benefit from early (<2·5 h) thrombolysis? 73 P
 NEVIN M (& Adams S, Colchester A C F, Pepper J R P) The role of perioperative hypoxaemia in the aetiology of neurological deficit after cardiopulmonary bypass surgery 566 P
 NEWMAN S P *see* Venn G *et al*
 NICOLL J J *see* Bell D *et al*
 NIHOYANNOPOULOS P (& Foale R A, Smith G C, Oakley C M, Taylor K M) The echocardiographic Doppler description of pericardial prostheses and the potential in long term follow up 107 P
 — (& Sapsford R, Oakley C M) Congenital fistula between the aorta and left atrium: case report 387
 — (& Yonezawa Y, McKenna W J, Oakley C M) Intracavitary flow patterns in hypertrophic cardiomyopathy: a pulsed and continuous wave Doppler study with colour flow mapping 592 P
 — *see also* Valentine H *et al*
 Yonezawa Y *et al*
 NIXON P G F *see* Freeman L J & Nixon P G F
 Freeman L J *et al*
 NOBLE M I M *see* Seed W A *et al*
 NORELL M (& Gershlick A, Pillai R, Magee P, Balcon R) Ventricular septal defect complicating myocardial infarction: is early surgery justified? 83 P
 — (& Lyons J, Gardener J, Layton C, Balcon R) Detection of myocardial ischaemia during coronary angioplasty: limitation of ECG monitoring 89 P
 — *see also* Bayliss J *et al*
 Lyons J *et al*
 NORELL M S (& Lyons J P, Gardener J, Layton C, Balcon R) Inferior ST segment depression during left anterior descending coronary angioplasty: inferior ischaemia or "reciprocal" change? 562 P
 NØRGAARD A *see* Jensen P J *et al*
 NORRIS R *see* Nelson G I C *et al*
 NORRIS R M (& White H D, Brandt P W T, Whitlock R M L, Wild C) Left ventricular end systolic volume is the major determinant of survival after recovery from myocardial infarction 575 P
 — (— Brown M A, Takayama M, Brandt P W T) Improved left ventricular function and survival after acute myocardial infarction with intravenous streptokinase: a double blind trial with and without concomitant intravenous propranolol 576 P
 NORTHCOTE R J (& Cooke M B D) How useful are the cold pressor test and sustained isometric handgrip exercise with radionuclide ventriculography in the evaluation of patients with coronary artery disease? 319
 NORTON M Y (& Walton S, Evans N T S F) Sectional Fourier analysis of gated cardiac tomograms 588 P
 OAKLEY C *see* Hackett D *et al*
 OAKLEY C M *see* Crick J C P *et al*
 Nihoyannopoulos P *et al*
 Valentine H *et al*
 Yonezawa Y *et al*
 Yousif H *et al*
 OAKLEY G D G *see* Starkey I R *et al*
 O'BRIEN B *see* Treasure T *et al*
 O'BRIEN C *see* Banner N *et al*
 O'BRIEN I A D (& Corrall R J M) Heart rate variability in healthy subjects: effect of age and derivation of normal ranges for tests of autonomic function: correspondence reply 109
 O'BRIEN W *see* Taggart P *et al*
 OHMAN E M *see* Brady H R *et al*
 OHMAN M (& Casey C, Tormey W, Horgan J) Analysis of early markers of myocardial infarction 563 P
 OHNO A *see* Fujita M *et al*
 OHYAGI A *see* Tsujimoto S *et al*
 O'KANE H (& Galvin I, Gladstone D J, Cleland J) The internal mammary artery: the graft of choice 92 P
 — (& Gladstone D, Hamilton L, Cleland J) A seven year experience with the St Jude medical valve 101 P
 — (& McNeill A, McIlrath E, Cleland J) Intravenous and intra-arterial digital subtraction arteriography compared in coronary bypass patients 91 P
 — *see also* Cleland J *et al*
 O'KEEFFE D B *see* McDonald K *et al*
 Richardson S G *et al*
 OLDERSHAW P *see* Seed W A *et al*
 OLDERSHAW P J *see* Valentine H A *et al*
 OLDROYD K G (& Phadke K V, Phillips R, Carson P, Clarke M, Davis J A S) Elective day case cardiac catheterisation: Judkins' technique 569 P
 OLSEN E G J *see* Quigley P J *et al*
 O'ROURKE M *see* Nelson G I C *et al*
 ORTEGA-ALCALDE D *see* Candell-Riera J *et al*
 ORZAN F *see* Presbitero P *et al*
 PAGNY J-Y *see* Funck-Brentano C *et al*
 PAI G R (& Rawles J M) A case of respiratory sinus arrhythmia and vasovagal attacks: use of cosinor analysis for diagnosis and for monitoring treatment 555
 — *see also* Rawles J M *et al*
 PALAGI B (& Picozzi R, Baroffio R) Diagnosis and prognosis of right ventricular infarction: correspondence 494
 PALMER R B G *see* Sanderson J E *et al*
 Webb S C *et al*
 PANETH M *see* Gray H H *et al*
 PAPOUCHADO M (& Pitcher D W) The effect of pacing on exercise performance 76 P
 PARAMESHWAR J *see* Richardson A *et al*
 PARKER D J *see* Cripps T *et al*
 PARRY R C (& Ratnatunga C, Treasure T) A quart into a pint pot: computer modelling to improve cardiac surgical throughput 590 P
 PASHAZADEH M *see* Crea F *et al*
 McKenna W J *et al*
 PATTERSON G C *see* McNeill A J *et al*
 PEART I (& Wren C, Bain H H, Hunter S) Balloon angioplasty as first-line treatment for aortic coarctation 569 P
 PEDOE H TUNSTALL *see* Tunstall-Pedoe H
 PENNESTRI F *see* Loperfido F *et al*
 PENNY W J *see* Angelini G D *et al*
 Singh H *et al*
 Watt A H *et al*
 PEPLOE M M WEBB *see* Webb-Peploe M M
 PEPPER J R P *see* Nevin M *et al*
 PERINETTO E A *see* Presbitero P *et al*
 PERKINS D G *see* Whittaker P *et al*
 PERRY R A (& Clarke D B, Shiu M F) Entanglement of embolised thrombus with an endocardial lead causing pacemaker malfunction and subsequent pulmonary embolism: case report 292
 — (& Singh A, Shiu M F) Success and complication rates in patients with unstable angina undergoing coronary angioplasty 79 P
 — (— Chandler S, Murray R G, Shiu M F) Improvement in left ventricular function after successful coronary angioplasty in patients with and without previous myocardial infarction 89 P
 PETCH M C *see* Reynolds D J M *et al*
 PHADKE K V *see* Oldroyd K G *et al*

- PHILLIPS R *see* Oldroyd K G *et al*
- PHILLIPS R R (& Gerlis L M, Wilson N, Walker D R) Aortic valve damage caused by operative balloon dilatation of critical aortic valve stenosis 168
- PICCOZI R *see* Palagi B *et al*
- PIÉARD L A (& Serruys P W, Roelandt J, Meltzer R S) Left ventricular function at similar heart rates during tachycardia induced by exercise and atrial pacing: an echocardiographic study 154
- PILLAI R *see* Murday A J *et al*
Norell M *et al*
- PINIES Y *see* Najm Y C *et al*
- PIPILIS A *see* Handler C E *et al*
- PITCHER D W *see* Papouchado M & Pitcher D W
- PITTS E *see* Walsh K P *et al*
- PLAPPERT T *see* Kenny J *et al*
- PLOKKER H W T *see* Ernst S M P G *et al*
- POCOCK S J *see* Shaper A G & Pocock S J
- POLLOCK J C S *see* Houston A B *et al*
Simpson L A *et al*
Tweddel A C *et al*
- POMA E *see* De Servi S *et al*
- POOLE-WILSON P *see* Bayliss J *et al*
- POOLE-WILSON P A *see* Anand I S *et al*
Buller N P & Poole-Wilson P A
Crake T *et al*
Richardson A *et al*
Scriven A J *et al*
- POPP R L *see* Valentine H A *et al*
- POULTON J (& Taylor C M, De Giovanni J V) Dilated cardiomyopathy associated with haemolytic uraemic syndrome 181
- PRESIBITO P (& Demarie D, Villani M, Perinetto E A, Riva G, Orzan F, Bobbio M, Morea M, Brusca A) Long term results (15–30 years) of surgical repair of aortic coarctation 462
- PRICE W H (& Kitchin A H, Tunstall-Pedoe H, Shaw T R D, Rodger J C) Apolipoprotein AI/CIII/AIV DNA sequence markers, hyperlipoproteinemia and coronary artery disease in Scotland 570 P
- PRINGLE S D (& Davidson K G) Myocardial infarction caused by coronary artery damage from blunt chest injury: case report 375
- (& Dunn F G, Lorimer A R, Macfarlane P W) Electrocardiographic findings in veteran athletes 102 P
- (McKillip J, Macfarlane P W, Lorimer A R) Hypertensive left ventricular hypertrophy: identification of a high risk subgroup 99 P
- PROUDFIT W L The cause of rheumatic heart disease: correspondence reply 395
- PUGH S *see* Seed W A *et al*
- PUGSLEY W B (& Baldwin T, Treasure T, Sturridge M F) Low energy level internal defibrillation during cardiopulmonary bypass 566 P
- PUMPHREY C W *see* Cripps T *et al*
Dancy M *et al*
- QUIGLEY P (& Gishen P, Jackson G, Jewitt D E) Applicability of percutaneous transluminal coronary angioplasty to patients presenting with unstable angina 80 P
- QUIGLEY P J (& Richardson P J, Meany B T, Olsen E G J, Monaghan M, Jackson G, Jewitt D E) Long term follow up in biopsy proven myocarditis: progression to dilated cardiomyopathy 71 P
- *see also* Buchalter M B *et al*
- QURESHI S *see* Ettedgui J *et al*
Reid C J *et al*
- QURESHI S A (& Ettedgui J A, Jones O D H) Pulmonary regurgitation in transposition of the great arteries: case report 199
- (& Maruszewski B, McKay R, Hamilton D I) Results of surgery for interrupted aortic arch in infancy: a multivariate and logistic analysis 567 P
- *see also* Lamb R K *et al*
Martin R P *et al*
- QUYYUMI A A (& Crake T, Wright C M, Mockus L J, Fox K M) Medical treatment of patients with severe exertional and rest angina: double blind comparison of beta blocker, calcium antagonist, and nitrate 505
- *see also* Crean P A *et al*
- RADLEY-SMITH R *see* Banner N R *et al*
Martin R P *et al*
- RAE A P *see* McAlpine H M *et al*
Rankin A C *et al*
- RAFFERTY P *see* Shaw T R D *et al*
- RAFTERY E B *see* Carboni G P *et al*
Hains A D B *et al*
Rodrigues E A *et al*
- RAFTOS J *see* Nelson G I C *et al*
- RANKIN A C (& Rae A P, Cobbe S M) Inappropriate use of intravenous verapamil in patients with ventricular tachycardia 591 P
- RAPHAEL M *see* Shapiro L M *et al*
- RAPHAEL M J (& Tomlinson N E) Radiation in cardiology: correspondence 210
- RATNATUNGA C *see* Parry R C *et al*
- RAWLES J M (& Pai G R, Haines N) One thousand heart attacks in Grampian: the place of cardiopulmonary resuscitation in general practice 95 P
- *see also* Pai G R & Rawles J M
- REDDING V J *see* Cheesman M G *et al*
- REDWOOD D *see* Dancy M *et al*
Seed W A *et al*
- REES G M *see* Nathan A W *et al*
- REES R S O (& Somerville J, Underwood S R, Firmin D N, Klipstein R H, Longmore D B) Magnetic resonance imaging of pulmonary arteries and their systemic connections in pulmonary atresia 65 P
- *see also* Klipstein R H *et al*
Underwood S R *et al*
- REID C J (& Qureshi S, Yaacob M) Determinants of left ventricular function one year after cardiac transplantation 85 P
- REID D S *see* Been M *et al*
Cowen J C *et al*
- REID F *see* Schofield P M *et al*
- REIDY J *see* Ettedgui J A *et al*
- REIDY J S *see* Tynan M *et al*
- REYNOLDS D J M (& Stone D L, Wells F C, Petch M C) How does aortic balloon valvoplasty work? 70 P
- RIBEIRO P *see* Al Zaibag M *et al*
- RICHARDS A M (& Cleland J G F, Tonolo G, Dargie H J) Plasma atrial natriuretic peptide: haemodynamic and hormonal interrelations in cardiac impairment 578 P
- RICHARDS D A *see* Davies D W *et al*
- RICHARDSON A (& Scriven A J I, Parameshwar J, Bayliss J, Poole-Wilson P A, Sutton G C) Can angiotensin converting enzyme inhibitors replace diuretics as sole treatment for mild heart failure 80 P
- RICHARDSON P J *see* Meany B T *et al*
Quigley P J *et al*
- RICHARDSON S G (& Morton P, Murtagh J G, Scott M E, O'Keeffe D B) Analysis of left ventricular segmental wall motion versus coronary patency after thrombolytic treatment 72 P
- RICKARDS A *see* Shapiro L M *et al*
- RICKARDS A F *see* Bowker T J *et al*
Crake T *et al*
Cunningham A D *et al*
- RIERA J CANDELL *see* Candell-Riera J
- RIGBY M L *see* Leung M *et al*
- RIMONDINI A *see* Bella P D *et al*
- RING N J *see* Gould B A *et al*
- RISØE C (& Kirkeby O J, Grøttum P, Sederholm M, Kjekshus J K)

- Fever after acute myocardial infarction in patients treated with intravenous timolol or placebo 28
- RIVA G *see* Presbitero P *et al*
- ROBERTSON C *see* Wong C *et al*
- ROBERTSON M A *see* Musewe N N *et al*
- ROBINSON K (& Conroy R, Mulcahy R) For how long after cessation does smoking continue to act as a risk factor for the development of coronary heart disease and does the in-hospital course of a first myocardial infarction differ in non-smokers, ex-smokers and current smokers? 578 P
- (& Rowland E, Krikler D M) Wolff-Parkinson-White syndrome: rapid ventricular response to atrial fibrillation in previously asymptomatic individuals 591 P
- (—, Bentall H H) Cryoablation of the accessory pathway in Wolff-Parkinson-White syndrome: initial results and long term follow up 574 P
- ROBINSON K C (& Walker S, Johnston A, Mulrow J P, McKenna W J, Holt D W) The digoxin-amiodarone interaction 101 P
- ROBINSON P S (& Tonge C M, Joy M D) Infarct sizing: comparison of technetium-99m pyrophosphate tomography and creatine kinase-MB release 581 P
- ROBSON S C (& Boyes R, Dunlop W, Hunter S) Haemodynamic changes during early human pregnancy: an M mode and Doppler echocardiographic study 584 P
- RODGER C *see* Morton J & Rodger C
- RODGER J C *see* Price W H *et al*
Wong C *et al*
- RODRIGUES E A (& Al-Khawaja I M, Lahiri A, Raftery E B) An objective method for assessing right ventricular systolic and diastolic function in patients with coronary artery disease 107 P
- (& Caruana M P, Lahiri A, Nabarro J D N, Jacobs H S, Raftery E B) Evidence of left ventricular relaxation abnormality in patients with acromegaly 72 P
- see also* Muir A L & Rodrigues E A
- ROELANDT J *see* Piérard L A *et al*
- RONDANELLI R *see* De Servi S *et al*
- ROSE G *see* Douglas A S *et al*
- ROSENFIELD T *see* Turgeman Y *et al*
- ROSSI E *see* Loperfido F *et al*
- ROUTLEDGE P A *see* Singh H *et al*
- ROWE R D *see* Musewe N N *et al*
- ROWLAND E *see* Clarke B *et al*
Cunningham A D *et al*
Robinson K *et al*
- RUBAY J E (& Macartney F J, Anderson R H) A rare variant of common arterial trunk: case report 202
- RUNNALLS M *see* Taggart P *et al*
- RUTISHAUSER W *see* Steffenino G *et al*
- RUTTLEY M S T *see* Angelini G D *et al*
Watt A H *et al*
- SAFFORD R E (& Bove A A) Prediction of coronary artery disease by left ventricular regional wall motion abnormalities in patients with stenosis of the aortic valve 237
- SAINTE BEUVE D *see* Veyrat C *et al*
- SALACHAS A *see* Starkey I R *et al*
- SALIH M *see* Murray D P *et al*
- SALINAS A *see* Najm Y C *et al*
- SALLABANK P *see* Freeman L J *et al*
- SALTZMAN D *see* Kenny J *et al*
- SANDERS T A B Fish and coronary artery disease: editorial 214
- SANDERSON J E (& Palmer R B G, Wright B Y) Antitachycardia pacing: use of the Intermedics Intertach with a temporary electrode for ambulatory electrophysiological studies and assessment before permanent implantation 63 P
- see also* Webb S C *et al*
- SANTIS F DE *see* De Santis F
- SAPSFORD R *see* Hackett D *et al*
Nihoyannopoulos P *et al*
Yousif H *et al*
- SASAYAMA S *see* Fujita M *et al*
- SCHAAL K P *see* Ertl G *et al*
- SCHOFIELD P M (& Bennett D H, Brooks N H, Jones P E, Whorwell P J, Bray C L, Ward C) Exertional gastro-oesophageal reflux: a possible mechanism for symptoms in patients with angina pectoris and normal coronary angiograms 67 P
- (& Jones M, Moussalli H, Deiraniya A K, Lawson R A M, Brooks N H) Aortic valve replacement with and without myocardial revascularisation in patients with coronary artery disease 572 P
- (& Reid F, Bennett D H) A comparison of atenolol and sotalol in the treatment of patients with paroxysmal supraventricular tachycardia 105 P
- SCOTT M E *see* Richardson S G *et al*
- SCRIVEN A J (& Lipkin D, Bayliss J, Sutton G C, Poole-Wilson P A) Comparison of oral inotropic and vasodilator treatment in the management of severe heart failure 82 P
- SCRIVEN A J I *see* Richardson A *et al*
- SEDERHOLM M *see* Risoe C *et al*
- SEED W A (& Noble M I M, Oldershaw P, Wanless R B, Drake-Holland A J, Redwood D, Pugh S, Mills C) Relation of human cardiac action potential duration to the interval between beats: implications for the validity of rate corrected QT interval (QTc) 32
- SERRUYS P W *see* Beatt K J *et al*
Piérard L A *et al*
- SERVI S DE *see* De Servi S
- SEWARD J B *see* Vidaillet H J *et al*
- SGANZERLA P *see* Bella P D *et al*
- SHACKELL M M *see* Gibbs J S R *et al*
- SHAKESPEARE C *see* Bayliss J *et al*
- SHANNON J S *see* McNeill A J *et al*
- SHAPER A G (& Pocock S J) Risk factors for ischaemic heart disease in British men: editorial 11
- SHAPIRO L M (& Raphael M, Rickards A, Fox K) Incidence of spasm at the site of previous successful transluminal coronary angioplasty: effect of ergometrine maleate in consecutive patients: correspondence reply 492
- see also* Crake T *et al*
Levy R D *et al*
- SHAW T R D (& Bloomfield P, Turnbull C M, Flapan A D) Valvuloplasty for mitral stenosis in middle aged and elderly patients 561 P
- (& Rafferty P, Tait G W) Transient shock and myocardial impairment caused by phaeochromocytoma crisis: case report 194
- see also* Flapan A D *et al*
Price W H *et al*
- SHIBATA A *see* Yokoyama A *et al*
- SHIMOYAMA Y (& Kawada K, Imamura H) A functioning intrapericardial paraganglioma (phaeochromocytoma): case report 380
- SHINEBOURNE E A *see* Clarke B *et al*
Till J *et al*
- SHIRASHI H (& Yanagisawa M) Pulsed Doppler echocardiographic evaluation of neonatal circulatory changes 161
- SHIU M F *see* Perry R A *et al*
- SHORE D F *see* Sutherland G R *et al*
- SILOVE E D *see* De Giovanni J V *et al*
- SIMON R *see* Amendt I *et al*
- SIMPSON E *see* Wong C *et al*
- SIMPSON I A (& Spyri T J, Wheatley D J, Cobbe S M) Assessment of coronary artery bypass graft flow by intraoperative Doppler ultrasound 92 P
- see also* Houston A B *et al*
- SIMPSON L A (& Houston A B, Doig W B, Jamieson M P G, Pollock J C S, Coleman E N) Is Doppler of value in the diagnosis or assessment of coarctation of the aorta? 74 P
- SINGER D R J (& Buckley M G, MacGregor G A, Khaghani A, Banner N R, Yacoub M H) Raised concentrations of plasma atrial natriuretic peptide in cardiac transplant recipients 100 P

- (& Dean J W, Buckley M, MacGregor G A) Secretion of human atrial natriuretic peptide from the heart 93 *P*
- SINGH *A* see Perry R A *et al*
- SINGH H (& Penny W J, Watt A H, Routledge P A, Henderson A H) A comparison of intravenous adenosine and atrial pacing in the assessment of coronary perfusion reserve 77 *P*
- SEIGHT P see Collins R & Sleigh P
- SMALLHORN J F see Musewe N N *et al*
- SMITH D R see Bishop N *et al*
- SMITH G (& Farrell I D, Aitchison E, Lambert P A) Serodiagnosis of *Streptococcus faecalis* endocarditis by immunoblotting of surface protein antigens 582 *P*
- SMITH G C see Nihoyannopoulos P *et al*
- SMITH K A HALLIDIE- see Hallidie-Smith K A
- SMITH KENNETH SHIRLEY Obituary 391
- SMITH P see Venn G *et al*
- SMITH R RADLEY- see Radley-Smith R
- SMITH S A see Tan L B *et al*
- SOMERVILLE J see Rees R S O *et al*
- Warnes C A & Somerville J
- SOWTON E see Griffin B *et al*
- Handler C E *et al*
- Holt P *et al*
- Najm Y C *et al*
- Timmis-A D *et al*
- Timmis A D & Sowton E
- SPECCHIA G see De Servi S *et al*
- SPODICK D H see Belz G G & Spodick D H
- SPONZILLI C see Davies D W *et al*
- SPURRELL R A J see Nathan A W *et al*
- SPYT T J see Simpson I A *et al*
- STARKEY I R (& Cumberland D C, Oakley G D G) Balloon aortic valvuloplasty for severe calcific aortic stenosis: effective but not without hazard 69 *P*
- (& Styliades I, Salachas A) Risk factors for the formation of left atrial thrombus in mitral valve disease: who should be anticoagulated? 102 *P*
- STEFFENINO G (& Meier B, Finci L, Rutishauser W) Follow up results of treatment of unstable angina by coronary angioplasty 416
- STERN A (& Mindich B P, Halperin J L) Extraluminal compression of an aortic graft simulating recoarctation: case report 286
- STEWART R see Lipkin D P *et al*
- STEWART S see Flapan A D *et al*
- STINSON E B see Valentine H A *et al*
- STOKER J B see Bishop N *et al*
- STONE D L see Reynolds D J M *et al*
- STURRIDGE M F see Murday A J *et al*
- Pugsley W B *et al*
- STYLIADES I see Starkey I R *et al*
- SU W P D see Vidaillet H J *et al*
- SUTHERLAND C (& Fisher B M, Frier B M, Lindop G B, Dargie H J) Myocardial capillary basement membrane thickness in young diabetics 584 *P*
- SUTHERLAND G R (& Colli A, Keeton B R, Monro J L, Shore D F) The changing role of duplex scanning in the preoperative evaluation of congenital heart disease 568 *P*
- SUTTON G see Bayliss J *et al*
- SUTTON G C see Gibbs J S R *et al*
- Richardson A *et al*
- Scriven A J *et al*
- SUTTON P see Taggart P *et al*
- Treasure T *et al*
- SUTTON R see Bayliss J *et al*
- Walsh K P *et al*
- SUTTON S J M see Kenny J *et al*
- SWANTON H see Taggart P *et al*
- SWANTON R H see Thomas H *et al*
- TAGGART P (& Sutton P, Runnalls M, O'Brien W, Donaldson R,
- Hayward R, Swanton H, Emanuel R, Treasure T) Assessment of myocardial revascularisation at the time of graft completion by monophasic action potential recordings 93 *P*
- see also Treasure T *et al*
- TAIT G W see Shaw T R D *et al*
- TAKIKI A J see Vidaillet H J *et al*
- TAKAO A see Momma K *et al*
- Terai M *et al*
- TAKAYAMA M see Norris R M *et al*
- TAN L B Cardiac pumping capability and prognosis in heart failure 61 *P*
- (& Smith S A, Littler W A, Murray R G) Haemodynamic and renal effects of doxapamine in low output heart failure 81 *P*
- see also Gammie M D *et al*
- Murray D P *et al*
- TANSUPHASWADIKUL S see Bourke J *et al*
- Buchalter M *et al*
- Cowan J C *et al*
- TAYLOR C M see Poulton J *et al*
- TAYLOR K M see Creer F *et al*
- Nihoyannopoulos P *et al*
- TEN KATEN H J see Fioretti P *et al*
- TERAI M (& Nakazawa M, Takao A, Imai Y) Thrombocytopenia in patients with aortopulmonary transposition and an intact ventricular septum 371
- TERAMOTO S see Nawa S *et al*
- THOMAS H (& Hunter G J, Treasure T, Swanton R H) Intravenous digital subtraction angiography in aortic root abscess 103 *P*
- THOMAS J see Cheesman M G *et al*
- THOMAS S see Jackson G *et al*
- THOMPSON R A see Lowry P J *et al*
- THOMSEN P E B see Jensen P J *et al*
- THURGOOD J A MORRIS- see Morris-Thurgood J A
- TIJSSEN J G P see Fioretti P *et al*
- TILL J (& Holt D, Ward D, Shinebourne E A) Successful management of refractory supraventricular tachycardia in children with flecainide acetate 65 *P*
- see also Clarke B *et al*
- TIMMIS A D (& Bojanowski L M R, Najm Y, Gosling R) Captopril in congestive heart failure: the effects of oxygen consumption in the exercising leg 81 *P*
- (& Griffin B, Crick J C P, Henderson R, Sowton E) Myocardial infarction without total coronary occlusion 83 *P*
- (& Sowton E) Early results after percutaneous transluminal coronary angioplasty in 400 patients: correspondence reply 493
- see also Griffin B *et al*
- Najm Y C *et al*
- TOFF W D (& Leeks C, Joy M, Bennett G, Camm A J) The effect of aircraft vibration on the function of an activity-sensing pacemaker 573 *P*
- TOMLINSON N E see Raphael M J & Tomlinson N E
- TONGE C M see Robinson P S *et al*
- TONOLO G see Richards A M *et al*
- TORMEY W see Ohman M *et al*
- TREASURE T (& Taggart P, Sutton P, O'Brien B) Intraoperative recording of the left ventricular myocardial action potential to demonstrate relief of ischaemia 77 *P*
- see also Parry R C *et al*
- Pugsley W B *et al*
- Taggart P *et al*
- Thomas H *et al*
- Venn G *et al*
- TSUJIMOTO S (& Hirose K, Ohyagi A) A ruptured large aneurysm of the ductus arteriosus: case report 289
- TUNSTALL-PEDOE H see Price W H *et al*
- TURGE MAN Y (& Rosenfeld T, Halon D A) Long term survival and late repair of massive cardiac pseudoaneurysm: case report 558
- TURNBULL C M see Shaw T R D *et al*
- TURNER J R see Gould B A *et al*
- TWEDDEL A (& Martin W, McGhie I, Hutton I) Is the thallium

- defect the most ischaemic region of the ventricle? 90 *P*
- TWEDDEL A C (& Martin W, McGhie I, Hutton I) Differential contributions of the coronary arteries to left ventricular flow during stress 97 *P*
- (—, Pollock J C S, Hutton I) Functional assessment of internal mammary artery grafts 565 *P*
- see also McGhie I *et al*
- TYNAN M (& Martin R P, Ettedgui J A, Reidy J S) Transcatheter occlusion of persistent ductus arteriosus 568 *P*
- see also Allan L D *et al*
 Martin R P *et al*
- TYNAN M J see Allan L D *et al*
 Ettedgui J *et al*
 Ettedgui J A *et al*
- UNDERWOOD S R (& Firmin D N, Klipstein R H, Rees R S O, Longmore D B) Magnetic resonance velocity mapping: clinical application of a new technique 74 *P*
- (—, —, —) The assessment of coronary artery bypass grafts by magnetic resonance imaging with velocity mapping 93 *P*
- (—, —, —) Magnetic resonance velocity mapping: clinical application of a new technique 404
- see also Klipstein R H *et al*
 Rees R S O *et al*
- UPWARD J see Bass C *et al*
- VALANTINE H (& McKenna W J, Nihoyannopoulos P, Mitchell A, Foale R A, Davies M J, Oakley C M) Sarcoidosis: a pattern of clinical and morphological presentation 256
- see also Mannerling D *et al*
- VALANTINE H A (& Oldershaw P J, Fowler M B, Gibson D G, Hatle L, Hunt S A, Billingham M E, Stinson E B, Popp R L) Changes in Doppler and M mode echocardiographic indices of left ventricular function during acute cardiac allograft rejection 86 *P*
- VAN DEN BERG E see Ernst S M P G *et al*
- VAN BOGERIJEN L see Ernst S M P G *et al*
- VAN DEN BRAND M J B M see Laird-Meeter K *et al*
- VAN DOMBURG R see Laird-Meeter K *et al*
- VAN DER FELTZ T A see Ernst S M P G *et al*
- VARMA M P S (& McLean T, Chadwick E, Anderson D, Hicks K) Thrombolytic treatment in acute myocardial infarction complicated by cardiogenic shock 98 *P*
- VENABLES A W see Feng L V & Venables A W
- VENN G (& Klinger L, Smith P, Harrison M, Newman S P, Treasure T) Neuropsychological sequelae of bypass twelve months after coronary artery surgery 565 *P*
- VERDOUW P D see Beatt K J *et al*
- VEYRAT C (& Gourtchiglouian C, Dumora P, Abitbol G, Sainte Beuve D, Kalmanson D) A new non-invasive estimation of the stenotic aortic valve area by pulsed Doppler mapping 44
- VIDAILLET H J (& Seward J B, Fyke F E, Su W P D, Tajik A J) "Syndrome myxoma": a subset of patients with cardiac myxoma associated with pigmented skin lesions and peripheral and endocrine neoplasms 247
- VIGNA C see Loperfido F *et al*
- VILLANI M see Presbitero P *et al*
- WALESBY R K see Murday A J *et al*
- WALKER D R see Phillips R R *et al*
- WALKER L (& MacKenzie G, Adgey J) Effect of nifedipine in the early phase of acute myocardial infarction on enzymatically estimated infarct size and arrhythmias 83 *P*
- WALKER L J E (& Adgey A A J) Successful treatment by doxycycline of endocarditis caused by ornithosis: case report 58
- WALKER S see Robinson K C *et al*
- WALLWORK J see Jones D K *et al*
- WALSH K P (& Williams T D M, Canepa-Anson R, Pitts E, Lightman S L, Sutton R) Rapid atrial pacing releases atrial natriuretic peptide, suppresses renin secretion, and causes diuresis 94 *P*
- WALSH M J see Buchalter M B *et al*
- WALTON S see Norton M Y *et al*
- WANLESS R B see Seed W A *et al*
- WARD C see Schofield P M *et al*
- WARD D see Cripps T *et al*
 Till J *et al*
- WARD D E see Clarke B *et al*
 Dancy M *et al*
 Mannerling D *et al*
- WARNES C A (& Somerville J) Tricuspid atresia with transposition of the great arteries in adolescents and adults: current state and late complications 543
- WATT A H (& Penny W J, Rutledge M S T) Left main coronary artery occlusion with preserved left ventricular function: a report of three cases 344
- see also Singh H *et al*
- WEBB S C (& Lewis L M, Morris-Thurgood J A, Palmer R G B, Sanderson J E) Rate responsive pacing: is there already a dual sensor system? 585 *P*
- WEBB S W see McNeill A J *et al*
- WEBB-PEPLOE M M see Carey C M *et al*
 Griffith M J *et al*
 Ineson N *et al*
- WELDON O see Been M *et al*
- WELLS E J see Ikram H *et al*
- WELLS F C see Reynolds D J M *et al*
- WESTABY S see Yousif H *et al*
- WHEATLEY D J see El Fawal M A *et al*
 Simpson I A *et al*
- WHITE H D see Norris R M *et al*
- WHITELEY C see Wynne G *et al*
- WHITLOCK R M L see Norris R M *et al*
- WHITTAKER P (& Boughner D R, Perkins D G, Canham P B) Quantitative structural analysis of collagen in chordae tendineae and its relation to floppy mitral valves and proteoglycan infiltration 264
- WHORWELL P J see Schofield P M *et al*
- WIELING W Heart rate variability in healthy subjects: effect of age and derivation of normal ranges for tests of autonomic function: correspondence 109
- WILD C see Norris R M *et al*
- WILKINS M R see Gammie M D *et al*
- WILKINSON J L see Lamb R K *et al*
- WILLIAMS B C see Flapan A D *et al*
- WILLIAMS D O see Been M *et al*
- WILLIAMS T D M see Walsh K P *et al*
- WILLIAMSON H G see Ikram H *et al*
- WILMSHURST P Early results after percutaneous transluminal coronary angioplasty in 400 patients: correspondence 493
- WILSON C M Is there an optimum waveform for cardiac defibrillation? 62 *P*
- WILSON J T see Cleland J G F *et al*
- WILSON N see Phillips R R *et al*
- WILSON P POOLE see Poole-Wilson P
- WILSON P A POOLE see Poole-Wilson P A
- WON M see Ikram H *et al*
- WONG C (& Simpson E, Robertson C, Rodger J C) Beta blockers and the hypokalaemia associated with acute chest pain 564 *P*
- WREN C (& Campbell R W F) The response of paediatric arrhythmias to intravenous and oral flecainide 171
- see also Peart I *et al*
- WRIGHT B Y see Sanderson J E *et al*
- WRIGHT C see Crean P A *et al*
 Gibbs J S R *et al*
 Levy R D *et al*
 Mulcahy D *et al*
- WRIGHT C M see Quyyumi A A *et al*
- WRIGHT J E C see Murday A J *et al*
- WRIGHT J G C see De Giovanni J V *et al*

Author Index

- WYNNE G (& Marteau T, Johnson M, Evans T R, Whiteley C) The inability of trained nurses to perform basic life support: failure of a critical link 95 *P*
- WYSE R K H *see* Leung M *et al*
- YACOUB M *see* Banner N *et al*
Banner N R *et al*
Clarke J *et al*
Mitchell A G & Yacoub M
Mulcahy D *et al*
Reid C J *et al*
- YACOUB M H *see* Al Khatib J *et al*
Banner N R *et al*
Greenbaum R A *et al*
Martin R P *et al*
Singer D R J *et al*
- YAMAZOE M *see* Yokoyama A *et al*
- YANAGISAWA M *see* Shiraishi H & Yanagisawa M
- YATES A *see* Handler C E *et al*
- YATES A K *see* Martin R P *et al*
- YOKOYAMA A (& Yamazoe M, Shibata A) A case of heterozygous Fabry's disease with a short PR interval and giant negative T waves: case report 296
- YONEZAWA Y (& Dickie S, Nihoyannopoulos P, Lavender J P, Oakley C M, McKenna W J) Significance of left ventricular gradient in hypertrophic cardiomyopathy 581 *P*
—*see also* Nihoyannopoulos P *et al*
- YOUNG C P *see* Nathan A W *et al*
- YOUSSIF H (& Davies G J, Westaby S, Moss D, Sapsford R, Oakley C M) Perioperative acute myocardial infarction in coronary bypass surgery: is it related to preoperative ischaemia? 103 *P*
- ZAIBAG M AL *see* Al Zaibag M

SUBJECT INDEX

1987, Volume 57

- Ablation
low energy, atrioventricular conduction, comparison with conventional ablation (Cunningham *et al.*) 64 P
electrode geometry, successful role (Holt & Boyd) 64 P
technique, endocardial, applied to His bundles, accessory pathways, and ventricular tachycardia, comparative safety and success (Holt & Boyd) 76 P
- Acidosis, in heart muscle, after coronary occlusion in man, studies during angioplasty (Crake *et al.*) 77 P
- Acromegaly, left ventricular relaxation abnormality in (Rodrigues *et al.*) 72 P
- Action potential, cardiac, and interval between beats (Seed *et al.*) 32
- Adenosine
intravenous, and atrial pacing compared, in assessment of coronary perfusion reserve (Singh *et al.*) 77 P
in termination of supraventricular tachycardia (Clarke *et al.*) 584 P
- Advisers, list of 595
- Aircraft vibration, effect on activity-sensing pacemaker (Toff *et al.*) 573 P
- Alcohol
induced, heart muscle disease, acute effects, ethanol on myocardial metabolism (Meany *et al.*) 71 P
and new onset atrial fibrillation, case-control study of current series (Koskinen *et al.*) 468
- Ambulatory monitoring
in stable angina, 'reperfusion' arrhythmias after ST segment depression (Carboni *et al.*) 103 P
pulmonary artery, pressure in investigation of myocardial ischaemia (Levy) 61 P
- Amiodarone
in heart failure, clinical, haemodynamic and antiarrhythmic effects, long term treatment (Cleland *et al.*) 436
used to maintain sinus rhythm after cardioversion for atrial fibrillation (Ladusans *et al.*) 106 P
- Aneurysm, large ruptured, of ductus arteriosus: case report (Tsumimoto *et al.*) 289
- Angina
coronary haemodynamic effects of gallopamil (De Servi *et al.*) 226
exertional and rest, severe, medical treatment (Quyyumi *et al.*) 505
importance for development of collateral circulation (Fujita *et al.*) 139
normal coronary angiograms, exertional gastro-oesophageal reflux, possible mechanism for symptoms (Schofield *et al.*) 67 P
recurrent, percutaneous transluminal coronary angioplasty, after coronary artery surgery (British Coronary Angioplasty Group) 78 P
stable, 'reperfusion' arrhythmias after ST segment depression on ambulatory monitoring (Carboni *et al.*) 103 P
unstable, applicability of percutaneous transluminal coronary angioplasty (Quigley *et al.*) 80 P
coronary angioplasty treatment, follow up (Steffenino *et al.*) 416
undergoing percutaneous coronary angioplasty, success and complication rates (Perry *et al.*) 79 P
- Angiography, follow up, long term, after percutaneous transluminal coronary angioplasty (Ernst *et al.*) 220
- Angiotensin, converting enzyme inhibition
in reduction of myocardial ischaemia in stable angina (Gibbs *et al.*) 579 P
in replacement of diuretics as sole treatment for mild heart failure (Richardson *et al.*) 80 P
- Antibodies, causing cardiac damage in polymyositis (Behan *et al.*) 176
- Anticoagulants, in myocardial infarction, 20 year follow up of Med-ical Research Council trial (Douglas *et al.*) 413
- Antitachycardia pacing, use of Intermedics
- Intertach with temporary electrode (Sanderson *et al.*) 63 P
- Aorta (aortic) arch, interrupted, surgery results (Qureshi *et al.*) 567 P
ascending, dissection, results of surgical repair (Murdie *et al.*) 548
- atresia, with complete transposition: case report (Lo *et al.*) 483
- dissection, acute, intravenous digital subtraction aortography (Lyons *et al.*) 90 P
arrival-time imaging of thoracic aorta (Lyons *et al.*) 577 P
- graft, simulating recoarctation, extraluminal compression: case report (Stern *et al.*) 286
- and left atrium, congenital fistula between: case report (Nihoyannopoulos *et al.*) 387
- magnetic resonance, blood flow patterns in (Klipstein *et al.*) 106 P
- root abscess, intravenous digital subtraction angiography (Thomas *et al.*) 103 P
- valve, damage caused by operative balloon dilatation of critical aortic valve stenosis (Phillips *et al.*) 168
- disease, need for coronary arteriography (Carey *et al.*) 583 P
- prosthesis, nodocardial endocarditis: case report (Ertl *et al.*) 384
Starr-Edwards 2400 and 1260, ten year clinical evaluation (Hackett *et al.*) 356
- replacement, with and without myocardial revascularisation, in coronary artery disease (Schofield *et al.*) 572 P
- stenosis, estimation of area by pulsed Doppler mapping (Veyrat *et al.*) 44
high frequency of early recurrence after balloon aortic valvoplasty (Dancy *et al.*) 561 P
- percutaneous aortic valvuloplasty (Jackson *et al.*) 69 P
- stenosis and prediction of coronary artery disease by left ventricular regional wall motion (Safford & Bove) 237
- severe calcific, percutaneous balloon aortic valvuloplasty, effective but not without hazard (Starkey *et al.*) 69 P
- use of mean aortic valve gradient (Griffith *et al.*) 580 P
- Apolipoprotein sequence markers, in coronary artery disease (Price *et al.*) 570 P
- Arrhythmias
paediatric, response to intravenous and oral flecainide (Wren & Campbell) 171
- ventricular, caused by electrical injury (Jensen *et al.*) 279
- Aspirin
after coronary artery bypass surgery (Gershlick & Balcon) 564 P
after experimental vein graft insertion (Court *et al.*) 571 P
in myocardial infarction (Collins & Sleight) 576 P
- Atenolol
in chronic stable angina pectoris (Findlay *et al.*) 336
combined with verapamil in chronic stable angina pectoris (Findlay *et al.*) 336
- and sotalol, compared in paroxysmal supraventricular tachycardia (Schofield *et al.*) 105 P
- Atherosclerosis, coronary artery, causing sudden death, Glasgow, severity, distribution, and extent of lesions (El Fawal *et al.*) 420
- Athletes, veteran, electrocardiographic findings (Pringle *et al.*) 102 P
- Atrial
fibrillation, conversion to sinus, evidence for delayed improvement in exercise capacity (Lipkin *et al.*) 102 P
new onset, case-control study of current series (Koskinen *et al.*) 468
precipitated by tyramine containing foods: case report (Jacob & Carron) 205
- role of verapamil with digoxin (Hogg *et al.*) 105 P
- flutter, relation between ECG flutter waves, endocardial atrial activity and excitability (Cunningham *et al.*) 577 P

- natriuretic peptide, plasma, haemodynamic and hormonal inter-relations in cardiac impairment (Richards *et al.*) 578 *P*
 raised concentrations, in cardiac transplant recipients (Singer *et al.*) 100 *P*
 secretion from human heart (Singer *et al.*) 93 *P*
- Atrioventricular conduction, low energy ablation, compared with conventional ablation (Cunningham *et al.*) 64 *P*
- Atrioversion, in ventricular tachycardia termination (McAlpine *et al.*) 76 *P*
- Auscultation, and phonocardiography, personal view of past 40 years: jubilee editorial (Leatham) 397
- Balloon
 angioplasty *see* Percutaneous transluminal balloon angioplasty
 aortic valvuloplasty, high frequency of early recurrence of aortic stenosis (Dancy *et al.*) 561 *P*
- Basic life support, inability of trained nurses, failure of critical link (Wynne *et al.*) 95 *P*
- Beta-blockers
 calcium antagonist and nitrate compared in severe angina (Quyyumi *et al.*) 505
 and hypokalaemia associated with acute chest pain (Wong *et al.*) 564 *P*
see also specific names
- Blunt chest injury, causing coronary artery damage and myocardial infarction: case report (Pringle & Davidson) 375
- British Cardiac Society
 66th Annual General Meeting, Dundee 8 and 9 April 1987, proceedings 561
 Autumn meeting, London, 25–27 November 1986, proceedings, 61
 Golden Jubilee: jubilee editorial (Gilchrist). 2
see also Editorials, Jubilee
- British Heart Journal, founded 1939: editorial note (Evan Bedford). 10
- Calcitonin
 gene related peptide, effect on haemodynamic function and regional blood flow, experimental chronic heart failure (Anand *et al.*) 95 *P*
 and substance P gene related peptide, comparison of effects (McEwan *et al.*) 586 *P*
- Calcium antagonist, beta-blocker and nitrate compared in severe angina (Quyyumi *et al.*) 505
- Captopril
 in congestive heart failure, effects of oxygen consumption in exercising leg (Timmis *et al.*) 81 *P*
 and enalapril, duration of endocrine and haemodynamic effects in heart failure (Flapan *et al.*) 82 *P*
- Cardiac Club 1922
 editorial (Krikler). 1
 some notes (Cowan and others). 3–8
- Cardiac Club (Campbell). 9
- Cardiac Society of Great Britain and Ireland 1937
 editorial (Krikler). 1
- Cardiac
 damage, caused by antibodies in polymyositis (Behan *et al.*) 176
 defects, major, recognition in newborn infant (Hallidie-Smith & Morais) 66 *P*
 failure, ischaemic, severe chronic factors influencing survival and mode of death (Glover & Littler) 125
- Cardiogenic shock, complicating thrombolytic treatment in myocardial infarction (Varma *et al.*) 98 *P*
- Cardiomyopathy
 dilated associated with haemolytic uraemic syndrome (Poulton *et al.*) 181
 course, New Zealand (Ikram *et al.*) 521
 and myocarditis aetiology, long term follow up (Quigley *et al.*) 71 *P*
 hypertrophic intracavitary flow patterns in a pulsed and continuous wave Doppler study with colour flow mapping (Nihoyannopoulos *et al.*) 592 *P*
- significance of left ventricular gradient in (Yonezawa *et al.*) 581 *P*
- treated by dual chamber pacing, improved functional capacity in (McDonald *et al.*) 591 *P*
- Cardiopulmonary resuscitation, general practice, Grampian (Rawles *et al.*) 95 *P*
- Cardioversion, for atrial fibrillation, amiodarone used to maintain sinus rhythm, after (Ladusans *et al.*) 106 *P*
- Carpentier-Edwards xenograft and St Jude medical valves in mitral area, comparison (Cleland *et al.*) 100 *P*
- Catecholamine metabolites, excessively high excretion rate, associated with neurogenic hypertension: case report (Funck-Brentano *et al.*) 487
- Catheter ablation, high energy, of normal atrioventricular conduction, provocation of ventricular tachycardia (Davies *et al.*) 579 *P*
- Catheterisation, cardiac, elective day case, Judkins' technique (Oldroyd *et al.*) 569 *P*
- Central pulmonary artery, obstruction after shunt operation for pulmonary atresia (Momma *et al.*) 534
- Chest pain, non-cardiac, end-tidal pCO₂, on exercise, in diagnosis (Chambers *et al.*) 68 *P*
- Coarctation of aorta
 balloon angioplasty (Pearl *et al.*) 569 *P*
 infants and children (De Giovanni *et al.*) 66 *P*
- Doppler ultrasound assessment, and interruption of aortic arch (Houston *et al.*) 38
- echocardiographic, anatomical, and functional study (Allan *et al.*) 65 *P*
- surgical correction, recurrent coarctation, one case: case report (Stern *et al.*) 286
 long term results (15–30 years) (Presbitero *et al.*) 462
- value of Doppler ultrasound (Simpson *et al.*) 74 *P*
- Cold pressor test, with radionuclide ventriculography in coronary artery disease, evaluation (Northcote & Cooke) 319
- Collagen analysis, in floppy mitral valve (Whittaker *et al.*) 264
- Common arterial trunk, rare variant: case report (Rubay *et al.*) 202
- Common carotid, left, isolation from aortic arch (Fong & Venables). 552
- Computer modelling to improve cardiac surgical throughput (Parry *et al.*) 590 *P*
- Congenital heart disease, preoperative evaluation, changing role of duplex scanning (Sutherland *et al.*) 568 *P*
- Congestive cardiomyopathy, suppressor T lymphocyte function (Lowry *et al.*) 458
- Coronary
 anatomy and collateral vessels during evolving myocardial infarction (Hackett *et al.*) 571 *P*
 arteriography, need in aortic valve disease (Carey *et al.*) 583 *P*
 artery, bypass graft, flow assessment, by intraoperative Doppler ultrasound (Simpson *et al.*) 92 *P*
 assessment of magnetic resonance imaging with velocity mapping (Underwood *et al.*) 93 *P*
 medial and endothelial functional integrity during preparation, autologous human saphenous vein (Angelini) 61 *P*
 incidence, risk and outcome of reintervention (Laird-Meeter *et al.*) 427
 long term benefits of postoperative aspirin and dipyridamole (Gershlick & Balcon) 564 *P*
 low energy level internal defibrillation during (Pugsley *et al.*) 566 *P*
 neuropsychological sequelae, twelve months later (Venn *et al.*) 565 *P*
 perioperative myocardial infarction, relation to preoperative ischaemia (Yousif *et al.*) 103 *P*
 perioperative hypocapnia and neurological deficit (Nevin *et al.*) 566 *P*
 prediction of mortality (Graham & Daly) 104 *P*
 sexual dysfunction, before and after (Bass *et al.*) 106 *P*
 ten year follow up (Al Khatib *et al.*) 565 *P*

- disease, apolipoprotein AI/CIII/AIV DNA sequence markers, hyperlipoproteinæmia in Scotland (Price *et al.*) 570 *P*
assessment of right ventricle systolic and diastolic function (Rodrigues *et al.*) 107 *P*
detected by thallium scintigraphy in valvar heart disease: correspondence (Candell-Riera *et al.*) 393
and fish: editorial (Sanders) 214
multiple risk factor, intervention programme, Glasgow (McCabe *et al.*) 586 *P*
physical rehabilitation in the community (Bethell) 96 *P*
prediction by left ventricular regional wall motion abnormalities in stenosis of aortic valve (Safford & Bove) 237
psychological stress as dynamic factor producing myocardial ischaemia (Freeman *et al.*) 69 *P*
or syndrome X, continuous recording, coronary sinus oxygen saturation during atrial pacing (Crake *et al.*) 67 *P*
Type A behaviour pattern (Freeman & Nixon) 570 *P*
- left main, occlusion with preserved left ventricular function, report of three cases (Watt *et al.*) 344
occlusion, single, in young adults, and abnormal platelet function (Gershlick *et al.*) 98 *P*
spasm, ergometrine induced mechanisms (Hackett *et al.*) 68 *P*
surgery, exertional ventricular tachycardia and myocardial ischaemia after (Handler *et al.*) 564 *P*
atheroma evolution, patterns, correlates, and clinical implications (Buchalter *et al.*) 588 *P*
care, pre-hospital, use of taxi service (Main & McNeill) 569 *P*
units, history: jubilee editorial (Julian) 497
lesions, nature and frequency in sudden coronary death, Glasgow (El Fawal *et al.*) 329
occlusion, in myocardial infarction, frequently intermittent (Hackett *et al.*) 99 *P*
perfusion reserve, assessment, intravenous adenosine and atrial pacing compared (Singh *et al.*) 77 *P*
prevention, British Cardiac Society Working Group, conclusions and recommendations 188
sinus, oxygen saturation, continuous recording during atrial pacing, with and without coronary artery disease or syndrome X (Crake *et al.*) 67 *P*
retroperfusion, percutaneous transluminal coronary angioplasty during (Bealt *et al.*) 78 *P*
thrombolysis: jubilee editorial (de Bono) 301
- Corrections
Echocardiographic measurement of the normal adult right ventricle (British Heart Journal 1986;56:33-44) 396
Twenty years of prehospital coronary care (British Heart Journal 1986;56:491) 594
- Correspondence
Detection of coronary artery disease by thallium scintigraphy in patients with valvar heart disease (Candell-Riera *et al.*) 393
Diagnosis and prognosis of right ventricular infarction (Palagi *et al.*) 494
Early results after percutaneous transluminal coronary angioplasty in 400 patients (Timmis & Sowton) 493
Heart rate variability in healthy subjects: effect of age and derivation of normal ranges for tests of autonomic function (Wieling) 109
Incidence of spasm at the site of previous successful transluminal coronary angioplasty: effect of ergometrine maleate in consecutive patients (Shapiro *et al.*) 492
Influence of profuse sweating on systolic time intervals (Belz & Spodick) 593
Radiation in cardiology (Tomlinson) 210
The cause of rheumatic heart disease (George) 394
Unusual echocardiographic appearance of intracardiac thrombi in a patient with endomyocardial fibrosis (Buchalter *et al.*) 300
- Cross sectional, and Doppler echocardiography compared, in mitral valve assessment (Loperfido *et al.*) 348
Cryoablation of accessory pathway in Wolff-Parkinson-White syndrome, initial results and long term follow up (Robinson *et al.*) 574 *P*
- Cusps, flail or torn of tissue valve prosthesis, diagnosis by Doppler ultrasound (Chambers *et al.*) 74 *P*
- Death, sudden *see* Sudden death
Defibrillation
cardiac, possible optimum waveform (Wilson) 62 *P*
shocks during cardiopulmonary bypass (Pugsley *et al.*) 566 *P*
Diabetes, in young, myocardial capillary basement membrane thickness (Sutherland *et al.*) 584 *P*
Diazoxide, oral, in reversibility of primary pulmonary hypertension during six year treatment: case report (Chan *et al.*) 207
Digital subtraction aortography angiography
in detection of aortic dissection (Lyons *et al.*) 577 *P*
intravenous, in aortic root abscess (Thomas *et al.*) 103 *P*
and intra-arterial compared in coronary bypass patients (O'Kane *et al.*) 91 *P*
Digoxin-amiodarone interaction (Robinson *et al.*) 101 *P*
Dipyridamole
after coronary artery bypass surgery (Gershlick & Balcon) 564 *P*
versus exercise thallium imaging (Bourke & Hawkins) 590 *P*
Diuresis, caused by rapid atrial pacing (Walsh *et al.*) 94 *P*
Diuretics, clinical and neuroendocrine effects in untreated heart failure (Bayliss *et al.*) 17
Diurnal variation, in left ventricular function (Levy *et al.*) 148
Dobutamine, ambulatory, in severe chronic heart failure (McParland *et al.*) 575 *P*
Dopexamine, in low output heart failure, haemodynamic and renal effect (Tan *et al.*) 81 *P*
Doppler echocardiography (ultrasound)
aortic blood flow after myocardial infarction (Cripps *et al.*) 590 *P*
and cross sectional compared, mitral valve assessment (Loperfido *et al.*) 348
evaluation, normal human fetal heart (Allan *et al.*) 528
in coarctation of aorta, value (Simpson *et al.*) 74 *P*
severity of assessment, and interruption of the aortic arch (Houston *et al.*) 38
changes in intracardiac blood flow and gestational age, human fetus (Kenny *et al.*) 66 *P*
description of pericardial prostheses, and potential in long term follow up (Nihoyannopoulos *et al.*) 107 *P*
in diagnosis of flail or torn cusps of tissue valve prosthesis (Chambers *et al.*) 74 *P*
intraoperative, assessing coronary artery bypass graft flow (Simpson *et al.*) 92 *P*
and M mode, during acute cardiac allograft rejection (Valentine *et al.*) 86 *P*
pulsed and neonatal circulatory changes (Shiraishi & Yanagisawa) 161
mapping technique, new non-invasive estimation, stenotic aortic valve area (Veyrat *et al.*) 44
with colour flow mapping, in hypertrophic cardiomyopathy (Nihoyannopoulos *et al.*) 592 *P*
to ventricular septal defect, practical application (Houston *et al.*) 75 *P*
Doxycycline, in successful treatment of endocarditis caused by ornithosis: case report (Walker & Adey) 58
Ductus arteriosus, large ruptured aneurysm: case report (Tsujimoto *et al.*) 289
- Ebstein's anomaly, reversed offsetting of septal attachments of atrioventricular valves (Leung *et al.*) 184
Echocardiography
contrast, myocardial perfusion imaging with (Griffin *et al.*) 90 *P*
during tachycardia, heart rate and left ventricular function (Piérard *et al.*) 154
see also Doppler echocardiography
- Editorials
Fish and coronary artery disease (Sanders) 214
Heart rate/ST slope (Balcon) 503
Risk factors for ischaemic heart disease in British men (Shaper &

- Pocock). 11
 Editorials, Jubilee
 Infective endocarditis 1937–1987 (Gray). 211
 The history of coronary care units (Julian). 497
 Auscultation and phonocardiography: a personal view of the past 40 years (Leatham). 397
 British Cardiac Society—Golden Jubilee (Gilchrist). 2
 Cardiac Club 1922: Cardiac Society of Great Britain and Ireland 1937 (Krikler). 1
 Coronary thrombolysis (de Bono). 301
 Electrocardiography then and now: where next (Krikler). 113
 Einthoven, and the invention of a string galvanometer (Burchell). 190
 Ejection fraction, radionuclide left ventricular, three methods compared (Hains *et al.*). 242
 Electrical injuries
 and constitutional predisposition to vasovagal syncope: case report (Herlevsen & Andersen). 284
 causing ventricular arrhythmias (Jensen *et al.*). 279
 Electrocardiogram
 epicardial, during percutaneous transluminal coronary angioplasty, indicator of myocardial ischaemia and dysfunction (Amende *et al.*). 84 P
 monitoring, limitation in detection of myocardial ischaemia (Norrell *et al.*). 89 P
 Electrocardiography
 findings in veteran athletes (Pringle *et al.*). 102 P
 signal averaged, after myocardial infarction (Cripps *et al.*). 590 P
 then, now and future trends: jubilee editorial (Krikler). 113
 Electrode geometry, role in successful low energy ablation (Holt & Boyd). 64 P
 Enalapril and captopril, duration of endocrine and haemodynamic effects in heart failure (Flapan *et al.*). 82 P
 Endocarditis
 caused by ornithosis, successfully treated by doxycycline: case report (Walker & Adegy). 58
 infective 1937–1987: jubilee editorial (Gray). 211
 Endomyocardial fibrosis, unusual echocardiographic appearance of intracardiac thrombi: correspondence (Buchalter *et al.*). 300
 End-tidal pCO₂, on exercise in diagnosis, non-cardiac chest pain (Chambers *et al.*). 68 P
 Epoprostenol, intravenous in primary pulmonary hypertension (Jones *et al.*). 270
 Ergometrine induced coronary artery spasm, mechanisms (Hackett *et al.*). 68 P
 Ergometrine maleate, sensitivity at site of previous successful percutaneous transluminal coronary angioplasty: correspondence (Cheng). 492
 Ethanol, acute effects, myocardial metabolism, in alcohol induced heart muscle disease (Meany *et al.*). 71 P
 Exercise
 digital cardiac fluoroscopy, new non-invasive technique for identification, severe coronary disease (Lyons *et al.*). 91 P
 induced ST segment depression after infarction and triple vessel disease detection (Mannering *et al.*). 133
 and left ventricular dysfunction, failure of coronary anatomy to predict (Caplin *et al.*). 589 P
 performance, pacing effect (Papouchado & Pitcher). 76 P
 thallium imaging versus dipyridamole (Bourke & Hawkins). 590 P
 Fabry's disease, heterozygous female, with short PR interval and giant negative T waves: case report (Yokoyama *et al.*). 296
 Fever, after myocardial infarction, in treatment with intravenous timolol or placebo (Risoe *et al.*). 28
 Fish, and coronary artery disease: editorial (Sanders). 214
 Fistula, congenital, between aorta and left atrium: case report (Nihoyannopoulos *et al.*). 387
 Flecainide
 acetate, successful management, refractory supraventricular tachycardia in children (Till *et al.*). 65 P
 effect on paediatric arrhythmias (Wren & Campbell). 171
 Floppy valves
 aortic and mitral, common combination (Morton & Rodger). 589 P
 mitral collagen analysis (Whittaker *et al.*). 264
 Friedreich's ataxia, cardiomyopathy (James *et al.*). 446
 Gallopamil, coronary haemodynamic effects in angina (De Servi *et al.*). 226
 Galvanometer, string, and Einthoven's invention (Burchell). 190
 Gastro-oesophageal reflux, exertional, possible mechanism for symptoms, angina pectoris and normal coronary angiograms (Schofield *et al.*). 67 P
 Gene markers, and predisposition to coronary artery disease (Price *et al.*). 570 P
 Glasgow, standardised mortality rate for coronary artery disease, intervention programme (McCabe *et al.*). 586 P
 Haemolytic uraemic syndrome, associated with dilated cardiomyopathy (Poulton *et al.*). 181
 Heart
 attacks in Grampian, cardiopulmonary resuscitation in general practice (Rawles *et al.*). 95 P
 failure, cardiac pumping capability and prognosis (Tan). 61 P
 chronic, effect of calcitonin gene related peptide on haemodynamic function and regional blood flow (Anand *et al.*). 95 P
 objective assessment of maximal exercise capacity from submaximal exercise test (Buller & Poole-Wilson). 82 P
 severe, ambulatory dobutamine treatment (McParland *et al.*). 575 P
 congestive, captopril, and effects of oxygen consumption in exercising leg (Timmis *et al.*). 81 P
 enalapril and captopril, duration of endocrine and haemodynamic effects (Flapan *et al.*). 82 P
 late onset, caused by traumatic combined valve lesions, with aneurysm of sinus of Valsalva: case report (Nawa *et al.*). 377
 low output, haemodynamic and renal effects of dopexamine (Tan *et al.*). 81 P
 mild, angiotensin converting enzyme inhibitors in replacement of diuretics as sole treatment (Richardson *et al.*). 80 P
 severe, treatment by oral inotropic and vasodilator compared (Scriven *et al.*). 82 P
 untreated, clinical and neuroendocrine effects of introducing diuretics (Bayliss *et al.*). 17
 fetal, Doppler echocardiographic evaluation (Allen *et al.*). 528
 lung transplantation, cardiopulmonary response to dynamic exercise after (Banner *et al.*). 576 P
 rate, and left ventricular function, during tachycardia, echocardiography (Piérard *et al.*). 154
 ST slope in estimation of myocardial ischaemia after recent myocardial infarction (Bishop *et al.*). 512
 evaluation and review: editorial (Balcon). 503
 variability in healthy subjects, effect of age and derivation: correspondence (Wieling). 109
 transplantation, effects of lower body positive pressure on plasma atrial natriuretic peptide and sodium excretion (Gammie *et al.*). 587 P
 Heparin, intravenous, in myocardial infarction (Collins & Sleight). 576 P
 Hyperlipoproteinæmia, and coronary artery disease (Price *et al.*). 570 P
 Hypertension
 hypertrophy, and complex ventricular arrhythmias (McLennan-Chan *et al.*). 100 P
 neurogenic, associated with excessively high excretion rate of catecholamine metabolites: case report (Funck-Brentano *et al.*). 487
 sudden death, possible mechanism (McLennan-Chan *et al.*). 572 P
 left ventricle hypertrophy, identification of high risk subgroup (Pringle *et al.*). 99 P

- Hypertrophy
hypertension, and complex ventricular arrhythmias (McLenaghan *et al.*). 100 P
myocardial architecture of right ventricular (Greenbaum *et al.*). 108 P
Hypocapnia, perioperative, and neurological deficit after cardio-pulmonary bypass surgery (Nevin *et al.*). 566 P
Hypokalaemia, associated with chest pain, use of beta blockers (Wong *et al.*). 564 P
- Ibopamine, haemodynamic (Hogg *et al.*). 583 P
- Infarct
related coronary stenoses, possible remodelling after successful thrombolysis (Hackett *et al.*). 73 P
sizing, comparison of technetium-99m pyrophosphate tomography and creatine kinase-MB release (Robinson *et al.*). 581 P
- Infective endocarditis
1937-1987: jubilee editorial (Gray). 211
Streptococcus faecalis, serodiagnosis by immunoblotting (Smith *et al.*). 582 P
- Innominate artery, left, isolation from aortic arch (Fong & Venables). 552
- Inotropic and vasodilator treatment, compared in management of severe heart failure (Scriven *et al.*). 82 P
- Intermedics Intertach, antitachycardia pacing, with temporary electrode (Sanderson *et al.*). 63 P
- Intraoperative recording, left ventricular myocardial action potential, in relief of ischaemia (Treasure *et al.*). 77 P
- Invasive cardiology, and cardiac surgery, results of closure of a cardiac surgical unit (Bayliss *et al.*). 79 P
- Ischaemic cardiac failure, sever chronic, factors influencing survival and mode of death (Glover & Littler). 125
- Ischaemic heart disease, risk factors, British men: editorial (Shaper & Pocock). 11
- Judkins' technique, elective day case, cardiac catheterisation (Oldroyd *et al.*). 569 P
- Laser
angioplasty, use of sapphire tipped optical fibres in reduction of vessel wall perforation (Bowker *et al.*). 88 P
myotomy, feasibility of experimental studies (McKenna *et al.*). 88 P
recanalisation, percutaneous coronary arteries, man (Crea *et al.*). 87 P
- Left anterior descending coronary angioplasty and inferior ST segment depression (Norell *et al.*). 562 P
- Low energy, constant current pulse, ventricular tachycardia, termination (McAlpine *et al.*). 76 P
- M mode, and Doppler, echocardiography during acute cardiac allograft rejection (Valantine *et al.*). 86 P
- Magnetic resonance, imaging
blood flow patterns in aorta (Klipstein *et al.*). 106 P
of pulmonary arteries, their systemic connections in pulmonary atresia (Rees *et al.*). 65 P
with velocity mapping, assessment of coronary artery bypass grafts (Underwood *et al.*). 93 P
clinical application of new technique (Underwood *et al.*). 74 P: 404
- Mammary, internal, artery grafts
functional assessment (Tweddle *et al.*). 565 P
choice (O'Kane *et al.*). 92 P
- Medial and endothelial function integrity, during preparation of autologous human saphenous vein, coronary artery bypass grafting (Angelini). 61 P
- Mesothelioma, primary, causing pericardial constriction: case report (Llewellyn *et al.*). 54
- Mitral valve
disease, risk factors for formation of left atrial thrombus, selection of patients for anticoagulants (Starkey *et al.*). 102 P
- replacement, comparison of St Jude medical and Carpenter-Eward xenograft valves (Cleland *et al.*). 100 P
- stenosis congenital, percutaneous transluminal balloon dilation (Alday & Juaneda). 479
- valvuloplasty for, middle aged and elderly patients (Shaw *et al.*). 561 P
- Monophasic action potential recordings, assessing myocardial revascularisation at time of graft completion (Taggart *et al.*). 93 P
- Myocardial
capillary basement membrane, thickness in young diabetics (Sutherland *et al.*). 584 P
- impairment, transient shock, caused by phaeochromocytoma crisis: case report (Shaw *et al.*). 194
- infarction, analysis of early markers (Ohman *et al.*). 563 P
and anticoagulants, 20 year follow up of Medical Research council trial (Douglas *et al.*). 413
- benefit from early thrombolysis (Nelson *et al.*). 73 P
caused by coronary artery damage from blunt chest injury: case report (Pringle & Davidson). 375
- complicated by ventricular septal defect, justification of early surgery (Norell *et al.*). 83 P
- coronary occlusion, frequently intermittent (Hackett *et al.*). 99 P
- effect of intravenous streptokinase (Norris *et al.*). 576 P
in elderly, thrombolytic treatment (Johnston *et al.*). 73 P
- evolving, coronary anatomy and collateral vessels during (Hackett *et al.*). 571 P
- extent of collateral circulation and intracoronary thrombolysis (Fujita *et al.*). 139
- heart rate/ST slope in estimation of myocardial ischaemia after (Bishop *et al.*). 512
- imaging, acute inflammatory response with indium-111 labelled neutrophils (Bell *et al.*). 23
- inferior, spectrum of right ventricle dysfunction associated with (McGhie *et al.*). 84 P
- intracoronary thrombolysis, selection of patients (Murray *et al.*). 144
- 12 lead electrocardiogram after (Fioretti *et al.*). 306
- left ventricular end systolic volume as determinant of survival (Norris *et al.*). 575 P
- management in Scotland (Hutchison & Cobbe). 96 P
- nifedipine effect on enzymatically estimated infarct size and arrhythmias (Walker *et al.*). 83 P
- perioperative, in coronary bypass surgery, relation to pre-operative ischaemia (Yousif *et al.*). 103 P
- prognostic stratification after (Murray *et al.*). 313
- recombinant tissue plasminogen activator in early phase (McNeill *et al.*). 582 P
- right ventricular, diagnosis and prognosis: correspondence (Palagi *et al.*). 494
- signal averaged ECG and Doppler aortic blood flow after (Cripps *et al.*). 590 P
- thrombolytic treatment, scope in district general hospital (Jagger *et al.*). 104 P
- treated with intravenous timolol or placebo, fever after (Risoe *et al.*). 28
- ventricular arrhythmias, surgical management within two months (Bourke *et al.*). 63 P
- ventricular fibrillation complicating as a reperfusion arrhythmia (Cowan *et al.*). 587 P
- without total coronary occlusion (Timmis *et al.*). 83 P
- ischaemia, ambulatory pulmonary artery pressure monitoring (Levy). 61 P
- in coronary artery disease, psychological stress as dynamic factor (Freeman *et al.*). 69 P
- detection, during coronary angioplasty, limitation of electrocardiogram monitoring (Norell *et al.*). 89 P
- diurnal variation in left ventricular function (Levy *et al.*). 148.
- Myocarditis
progression, dilated cardiomyopathy, long term follow up in biopsy proven (Quigley *et al.*). 71 P

- viral, children (Ettegui *et al.*). 71 P
 Myxoma, 'syndrome' with pigmented skin lesions and peripheral and endocrine neoplasms (Vidaillet *et al.*). 247
- Neonatal circulatory changes, pulsed Doppler echocardiographic evaluation (Shiraishi & Yanagisawa). 161
- Neuropeptide Y, causes myocardial ischaemia in man by small vessel constriction (Clarke *et al.*). 570 P
- Neutrophils, indium-111 labelled, in myocardial infarction, acute inflammatory response imaging (Bell *et al.*). 23
- Nifedipine, effect on early phase of acute myocardial infarction on enzymatically estimated infarct size and arrhythmias (Walker *et al.*). 83 P
- Nitrate
 beta-blocker, calcium antagonist, compared in severe angina (Quyyumi *et al.*). 505
 tolerance, prevention by intermittent dosing (Cowan *et al.*). 97 P
 Notices 110, 210, 299, 396, 594
- Nuclear probe, bedside technique, and quantification, left to right intracardiac shunts (Gould *et al.*). 91 P
- Nurses, and training for basic life support, failure of critical link (Wynne *et al.*). 95 P
- Obesity, and electrocardiographic diagnosis, left ventricular hypertrophy (McLenahan *et al.*). 105 P
- Obituary: Kenneth Shirley Smith (Goodwin). 391
- Ornithosis, endocarditis, successful treatment, doxycycline: case report (Walker & Adey). 58
- Pacemaker
 effect of aircraft vibration (Toff *et al.*). 573 P
 lead, entanglement of embolised thrombus: case report (Perry *et al.*). 292
- Pacing
 antitachycardia, use of Intermedics Intertach with temporary electrode (Sanderson *et al.*). 63 P
 atrial, continuous recording of coronary sinus oxygen saturation during, coronary artery disease and syndrome X (Crake *et al.*). 67 P
 and intravenous adenosine, compared, in assessment of coronary perfusion reserve (Singh *et al.*). 77 P
 releases atrial natriuretic peptide, suppresses renin secretion, causes diuresis (Walsh *et al.*). 94 P
 dual chamber, in hypertrophic cardiomyopathy (McDonald *et al.*). 591 P
 effect on exercise performance (Papouchado & Pitcher). 76 P
 in the elderly, advantages (Handler & Holt). 75 P
 post-pacing T wave inversion, and ventricular arrhythmias (Della Bella *et al.*). 118
 rate responsive, presence of a dual sensor system (Webb *et al.*). 585 P
- Paraganglioma, functioning intraperitoneal: case report (Shimoyama *et al.*). 380
- Paroxysmal supraventricular tachycardia, atenolol and sotalol compared (Schofield *et al.*). 105 P
- Percutaneous
 aortic balloon valvuloplasty, for aortic stenosis (Jackson *et al.*). 69 P
 mechanisms (Reynolds *et al.*). 70 P
 severe calcific aortic stenosis, effective but not without hazard (Starkey *et al.*). 69 P
 angioplasty as first-line treatment for aortic coarctation (Pearl *et al.*). 569 P
 dilatation, damage to aortic valve (Phillips *et al.*). 168
 and dysplastic pulmonary valve (Musewe *et al.*). 364
 pulmonary valvoplasty, intermediate term results (Ettegui *et al.*). 70 P
 double valvotomy, tricuspid stenosis: case report (Al Zaibag *et al.*). 51
- laser recanalisation, coronary arteries, man (Crea *et al.*). 87 P
 transluminal balloon angioplasty for coarctation, infants and children (De Giovanni *et al.*). 66 P
 in congenital mitral stenosis: case report (Alday & Juaneda). 479
- applicable to unstable angina (Quigley *et al.*). 80 P
 during coronary sinus retroperfusion (Beatt *et al.*). 78 P
 and detection of myocardial ischaemia, limitation of ECG monitoring (Norell *et al.*). 89 P
 400 early results: correspondence (Wilmhurst). 493
- epicardial ECG during as indicator of myocardial ischaemia and dysfunction (Amende *et al.*). 84 P
- incidence of spasm at site, effect of ergometrine maleate: correspondence (Cheng). 492
- incidence and time to restenosis (Beatt *et al.*). 80 P
 long term angiographic follow up (Ernst *et al.*). 220
 morphology of early thrombotic occlusion and coronary arterial lesions (Been *et al.*). 580 P
- patients with previous coronary artery bypass graft surgery (Ineson *et al.*). 89 P
- recurrent angina pectoris, after coronary artery surgery (British Coronary Angioplasty Group). 78 P
- residual stenosis after and delayed healing at angioplasty site (Najm *et al.*). 562 P
- for unstable angina, follow up (Steffenino *et al.*). 416
- Pericardial constriction caused by primary mesothelioma: case report (Llewellyn *et al.*). 54
- Persistent ductus arteriosus, transcatheter occlusion (Tynan *et al.*). 568 P
- Phaeochromocytoma
 crisis, causing transient shock and myocardial impairment: case report (Shaw *et al.*). 194
- functioning intraperitoneal: case report (Shimoyama *et al.*). 380
- Phonocardiography, and auscultation, personal view of past 40 years: jubilee editorial (Leatham). 397
- Platelet
 deposition, on experimental vein grafts (Chalmers *et al.*). 579 P
 function, abnormal, and coronary artery occlusion in young adults (Gershlick *et al.*). 98 P
- Polymyositis, associated with antibodies to tissue ribonucleoproteins, cardiac damage (Behan *et al.*). 176
- Polyuria, accompanying supraventricular tachycardia, mechanisms underlying (Kaye *et al.*). 94 P
- Pregnancy
 haemodynamic changes, echocardiography study (Robson *et al.*). 584 P
 rupture of sinus of Valsalva during: case report (Cripps *et al.*). 490
- Primary pulmonary hypertension
 effect of intravenous epoprostenol (prostacyclin) (Jones *et al.*). 270
 reversibility, during six years treatment with oral diazoxide: case report (Chan *et al.*). 207
- Proceedings, British Cardiac Society, Autumn meeting, London 25-27 November 1986, 61: 66th Annual General Meeting, Dundee 8 and 9 April 1987, 561
- Prostacyclin, intravenous, in primary pulmonary hypertension (Jones *et al.*). 270
- Prosthesis
 aortic valve, see Aortic valve prosthesis
 pericardial, Doppler echocardiography, potential in long term follow up (Nihoyannopoulos *et al.*). 107 P
- Proteoglycan infiltration, as marker in floppy mitral disease (Whittaker *et al.*). 264
- Pseudoaneurysm, massive cardiac, late repair and long term survival: case report (Turgeman *et al.*). 558
- Pulmonary
 atresia, central pulmonary artery obstruction after shunt operation (Momma *et al.*). 534
 magnetic resonance imaging in assessing systemic connections (Rees *et al.*). 65 P
- embolectomy, indications and results (Gray *et al.*). 572 P
- regurgitation, in transposition of great arteries: case report (Qureshi *et al.*). 199
- valve, dysplastic, echocardiographic features and results of

- balloon dilatation (Musewe *et al.*) 364
- Pulsed Doppler, echocardiography
 evaluation, neonatal circulatory changes (Shiraishi & Yanagisawa) 161
 in diagnosis of post-infarction ventricular septal defect (Cheeseman *et al.*) 563 P
- Pumping capability, cardiac, and prognosis in heart failure (Tan). 61 P
- Q wave infarction, residual ischaemia and risk of further cardiac events (Campbell and Jewitt). 78 P
- QT interval, corrected, validity, relation to cardiac action potential (Seed *et al.*) 32
- Radiation in cardiology: correspondence (Raphael & Tomlinson). 210
- Radionuclide left ventricular ejection fraction, three methods compared (Hains *et al.*) 242
- Radionuclide ventriculography in evaluation of coronary artery disease, tested with cold pressor test and sustained handgrip exercise (Northcote & Cooke). 319
- Rate responsive pacing, presence of a dual sensor system (Webb *et al.*) 585 P
- Recombinant tissue, plasminogen activator in early phase of myocardial infarction (McNeill *et al.*) 582 P
- Refractory supraventricular tachycardia, successful management in children, with flecainide acetate (Till *et al.*) 65 P
- Rejection, acute cardiac allograft, left ventricular function during, Doppler and M-mode echocardiography (Valantine *et al.*) 86 P
- "Reperfusion" arrhythmias, after ST segment depression on ambulatory monitoring, stable angina (Carboni *et al.*) 103 P
- Repolarisation
 abnormalities, pacing induced with increased cardiac electrical instability (Della Bella *et al.*) 118
 sequence, left ventricular, man (Cowan *et al.*) 574 P
- Restenosis, after percutaneous transluminal coronary angioplasty, incidence and time (Beatt *et al.*) 80 P
- Revascularisation, myocardial, assessment, at time of graft completion by monophasic action potential recordings (Taggart *et al.*). 93 P
- Reversed offsetting of septal attachments of atrioventricular valves in Ebstein's anomaly (Leung *et al.*) 184
- Rheumatic heart disease, cause: correspondence (George). 394
- Sarcoid heart disease, sudden death, 300 cases in United Kingdom (Fleming). 573 P
- Sarcoidosis, pattern of clinical and morphological presentation (Valantine *et al.*) 256
- Sectional Fourier analysis of gated cardiac tomograms (Norton *et al.*) 588 P
- Sexual dysfunction, before, and after, coronary artery bypass surgery (Bass *et al.*) 106 P
- Shunts, intracardiac, use of bedside nuclear probe for detection (Gould *et al.*) 91 P
- Silent myocardial ischaemia, therapeutic implications (Crean *et al.*). 68 P
- Sinus
 arrhythmia and vasovagal attacks, cosinor analysis for diagnosis and for monitoring treatment (Pai & Rawles). 555
 of Valsalva, aneurysm, and combined valve lesions, traumatic, causing late onset of heart failure: case report (Nawa *et al.*) 377
 rupture during pregnancy: case report (Cripps *et al.*) 490
- Smoking, cessation, time lapse for effect on coronary artery disease risk (Robinson *et al.*) 578 P
- Smooth muscle cells, turnover on experimental vein grafts (Chalmers *et al.*) 579 P
- Sotalol, and atenolol, compared, in paroxysmal supraventricular tachycardia (Schofield *et al.*) 105 P
- St Jude medical valve
 seven year experience (O'Kane *et al.*) 101 P
 and Carpentier-Edwards xenograft valves in mitral area, com-
- parison (Cleland *et al.*) 100 P
- ST segment depression
 exercise induced after infarction, accurate detection of triple vessel disease (Mannering *et al.*) 133
 inferior, during left anterior descending coronary angioplasty (Norell *et al.*) 562 P
- Starr-Edwards 2400 and 1260 aortic valve prostheses, ten year clinical evaluation (Hackett *et al.*) 356
- Stenosis, residual after percutaneous transluminal coronary angioplasty and delayed attack at angioplasty site (Najm *et al.*) 562 P
- Streptococcus faecalis* endocarditis, serodiagnosis by immunoblotting (Smith *et al.*) 582 P
- Streptokinase, intravenous in myocardial infarction (Collins & Sleight). 576 P; (Norris *et al.*) 576 P
 of patients (Murray *et al.*) 144
- Stress
 differential contributions of coronary arteries to left ventricle flow during (Tweddell *et al.*) 97 P
 and sudden death: case report (Herlevsen & Andersen). 284
- Substance P and calcitonin gene related peptide, comparison of effects (McEwan *et al.*) 586 P
- Sudden death
 coronary, Glasgow area, nature and frequency of acute coronary lesions (El Fawal *et al.*) 329
 in hypertension, possible mechanism (McLenaghan *et al.*) 572 P
 occurrence in 300 cases of sarcoid heart disease in United Kingdom (Fleming). 573 P
 prevention with automatic implantable cardioverter defibrillator (Holt *et al.*) 63 P
- psychological shock, and electrical injuries: case report (Herlevsen & Andersen). 284
- Suppressor T lymphocyte function, in idiopathic congestive cardiomyopathy (Lowry *et al.*) 458
- Supraventricular tachycardia
 accompanied by polyuria, mechanisms underlying (Kaye *et al.*). 94 P
 rapid termination, in children by adenosine (Clarke *et al.*) 584 P
- refractory, successfully managed in children, with flecainide acetate (Till *et al.*) 65 P
- Surgery, cardiac, departmental back up required for invasive cardiology or not (Bayliss *et al.*) 79 P
- Sustained isometric handgrip with radionuclide ventriculography in coronary artery disease evaluation (Northcote & Cooke). 319
- Sweating, profuse, influence on systolic time intervals: correspondence (Belz & Spodick). 593
- "Sydrome myxoma", with pigmented skin lesions and peripheral and endocrine neoplasms (Vidaillet *et al.*) 247
- Syndrome X
 continuous recording of coronary sinus oxygen saturation during atrial pacing (Crake *et al.*) 69 P
 sex differences in exercise-induced left ventricular dysfunction (Favarro *et al.*) 232: 589 P
- Systolic time intervals, influence, profuse sweating on: correspondence (Belz & Spodick). 593
- Tachycardia
 atrioventricular relations during, diagnostic use (Davies *et al.*). 585 P
 supraventricular, accompanied by polyuria, mechanisms underlying (Kaye *et al.*) 94 P
- Taxi based coronary care service (Main & McNeill). 569 P
- Thallium
 defect, as most ischaemic region of ventricle (Tweddell *et al.*). 90 P
 scintigraphy, detecting coronary artery disease in valvar heart disease: correspondence (Candell-Riera *et al.*) 393
- Thrombi, intracardiac, in endomyocardial fibrosis: correspondence (Buchalter *et al.*) 300
- Thrombocytopenia, in aortopulmonary transposition and intact ventricular septum (Terai *et al.*) 371
- Thrombolytic treatment

- and analysis of left ventricular segmental wall motion versus coronary patency (Richardson *et al.*). 72 P
 coronary: jubilee editorial (de Bono). 301
 in Coronary Occlusion (TICO), benefit from early (<2·5 h) thrombolysis (Nelson *et al.*). 73 P
 exercise testing and thallium scintigraphy in identifying myocardial ischaemia (Hornung *et al.*). 588 P
 and infarct related possible remodelling after (Hackett *et al.*). 73 P
 intracoronary, in myocardial infarction, and development of coronary circulation (Fujita *et al.*). 139
 complicated by cardiogenic shock (Varma *et al.*). 98 P
 in elderly (Johnston *et al.*). 73 P
 scope in district general hospital (Jagger *et al.*). 104 P
 selection of patients (Murray *et al.*). 144
- Thrombosis, after percutaneous transluminal coronary angioplasty (Been *et al.*). 580 P
- Thrombus
 on an endocardial pacing lead: case report (Perry *et al.*). 292
 left atrial, risk factors in mitral valve disease, patients selected for anticoagulants (Starkey *et al.*). 102 P
- Timolol or placebo, in treatment for myocardial infarction, fever after (Risøe *et al.*). 28
- Total anomalous pulmonary venous drainage, 17 year surgical experience (Lamb *et al.*). 567 P
- Transcatheter occlusion, of persistent ductus arteriosus (Tynan *et al.*). 568 P
- Transient shock, myocardial impairment caused by phaeochromocytoma crisis: case report (Shaw *et al.*). 194
- Transplantation, cardiac
 heterotopic, efferent autonomic reinnervation (Mitchell & Yacob). 87 P
 raised plasma atrial natriuretic peptide in recipients (Singer *et al.*). 100 P
 in severely ill patients requiring active-in-hospital support (Mulcahy *et al.*). 85 P
 combined heart, lung, exercise capacity and heart rate response to dynamic exercise one year after (Banner *et al.*). 86 P
 haemodynamic and lung function, one year after (Banner *et al.*). 87 P
- Transposition of great arteries
 complete with aortic atresia: case report (Lo *et al.*). 483
 pulmonary regurgitation in: case report (Qureshi *et al.*). 199
 right and left ventricular function after correction (Martin *et al.*). 567 P
 with tricuspid atresia, review of 17 patients (Warnes & Somerville). 543
- Transseptal aortic balloon valvotomy (Crick *et al.*). 585 P
- Treadmill testing and tournament squash, for cardiovascular response, comparison, men over 45 years (Brady *et al.*). 574 P
- Tricuspid
 atresia, with transposition of great arteries, review of 17 patients (Warnes & Somerville). 543
 stenosis, percutaneous double balloon valvotomy: case report (Al Zaibag *et al.*). 51
- Triple vessel disease, accurate detection, with exercise induced ST segment depression after infarction (Mannering *et al.*). 133
- Type A behaviour pattern, in coronary artery disease (Freeman & Nixon). 570 P
- Tyramine containing foods, precipitating atrial fibrillation: case report (Jacob & Carron). 205
- Valvar heart disease, coronary artery disease, detected by thallium scintigraphy: correspondence (Candell-Riera *et al.*). 393
- Valvuloplasty *see* Balloon
- Vasodilator and inotropic treatment, compared in management of severe heart failure (Scriven *et al.*). 82 P
- Vasovagal attacks and sinus arrhythmia, cosinor analysis for diagnosis and for monitoring treatment (Pai & Rawles). 555
- Vasovagal syncope, constitutional predisposition and electrical injuries: case report (Herlevsen & Andersen). 284
- Vein
 graft, insertion, effect of aspirin, rabbit (Court *et al.*). 571
 smoother muscle cell turnover within, and platelet deposition (Chalmers *et al.*). 579 P
- Vena cava, right superior, absent, with normal atrial arrangement (Choi *et al.*). 474
- Ventricle, ventricular
 arrhythmias, caused by electrical injury (Jensen *et al.*). 279
 complex, hypertension, and hypertrophy (McLenachan *et al.*). 100 P
 surgical management, within two months of myocardial infarction (Bourke *et al.*). 63 P
- fibrillation, surgery, results (Nathan *et al.*). 62 P
- left, diurnal variation in function (Levy *et al.*). 148
 dysfunction, chronic severe, correlation between exercise tolerance and haemodynamic variables (Molajo *et al.*). 96 P
 exercise-induced in syndrome X (Favaro *et al.*). 232: 589 P
 failure of coronary anatomy to predict (Caplin *et al.*). 589 P
 end systolic volume and survival after myocardial infarction (Norris *et al.*). 575 P
 flow, differential contributions of coronary arteries during stress (Tweddel *et al.*). 97 P
- function during acute cardiac allograft rejection, Doppler and M-mode echocardiographs (Valantine *et al.*). 86 P
 and heart rate during tachycardia echocardiography (Piérard *et al.*). 154
- hypertrophy (McLenachan *et al.*). 105 P
- improvement after coronary angioplasty with and without previous myocardial infarction (Perry *et al.*). 89 P
- intraprocedural recording, myocardial action potential in ischaemia relief (Treasure *et al.*). 77 P
- relaxation abnormality in acromegaly (Rodrigues *et al.*). 72 P
- segmental wall motion, coronary patency after thrombolytic treatment (Richardson *et al.*). 72 P
- similar heart rates during exercise and atrial pacing, echocardiography (Piérard *et al.*). 154
- wall, motion abnormalities and prediction of coronary artery disease in aortic valve stenosis (Safford & Bove). 237
- right, hypertrophy (Greenbaum *et al.*). 108 P
- spectrum of dysfunction associated with inferior myocardial infarction (McGhie *et al.*). 84 P
- septal defect, complicating myocardial infarction, justification of early surgery (Norell *et al.*). 83 P
- post-infarction, prognostic criteria (Angelini *et al.*). 582 P
- practical application, Doppler ultrasound (Houston *et al.*). 75 P
- pulsed Doppler ultrasound (Cheesman *et al.*). 563 P
- tachycardia, exertional and myocardial ischaemia after coronary artery surgery (Handler *et al.*). 564 P
- inappropriate use of intravenous verapamil (Rankin *et al.*). 591 P
- termination, by long duration, low energy, constant current pulse (McAlpine *et al.*). 76 P
- and ventricular fibrillation, surgery, results (Nathan *et al.*). 62 P
- Verapamil
 in chronic stable angina pectoris (Findlay *et al.*). 336
 combined with atenolol, in chronic stable angina pectoris (Findlay *et al.*). 336
- with digoxin, role in atrial fibrillation (Hogg *et al.*). 105 P
- intravenous, inappropriate use in ventricular tachycardia (Rankin *et al.*). 591 P
- Vessel wall perforation, reduced, in use of sapphire tipped optical fibres in laser angioplasty (Bowker *et al.*). 88 P
- Viral myocarditis, children (Ettedgui *et al.*). 71 P
- Wolff-Parkinson-White syndrome
 cryoablation of accessory pathway, initial results and long term follow up (Robinson *et al.*). 574 P
- rapid ventricular response to atrial fibrillation, in previously asymptomatic individuals (Robinson *et al.*). 591 P